Pêches
et Océans

Fisheries
and Oceans

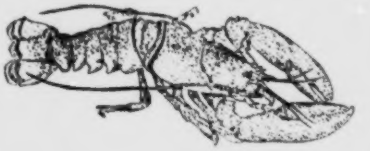
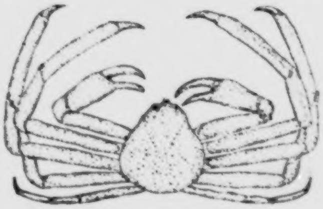
LES PÊCHES MARITIMES DU QUÉBEC

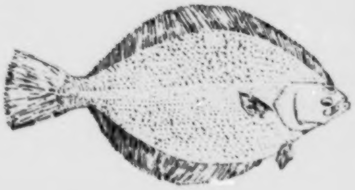
QUEBEC MARINE FISHERIES

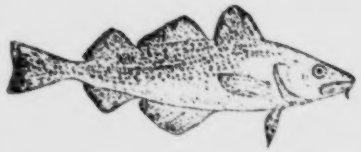
ANNUAL STATISTICAL REVIEW

MARINE FISHERIES IN QUEBEC

1985-1986





Canada

ADDENDA

INSTEAD OF PELAGIC AND ESTUARINE OR ESTUARIAN SPECIES, PLEASE READ PELAGIC AND ESTUARIAL SPECIES.

INSTEAD OF SPECY, PLEASE READ SPECIES.

WE THANK YOU FOR YOUR COMPREHENSION.

ANNUAL STATISTICAL REVIEW

MARINE FISHERIES IN QUEBEC

1985-1986

Statistics and Data Processing Division
Department of Fisheries and Oceans
Quebec Region

@ Department of Supply and Services 1986
Catalogue No. Fs 1-39/1986E
ISBN 0-662-15595-5

Published by: Department of Fisheries and Oceans
Statistics and Data Processing Division
901, Cap Diamant
P.O. Box 15 500
Québec City, Quebec
G1K 7Y7

Il existe également une édition française de cette publication

FOREWORD

One of the objectives of Fisheries and Oceans Canada is the comprehensive management of Canada's fisheries resources in order to foster their best possible use, by determining when, where, how and by whom these resources are developed with a view to obtaining maximum socio-economic benefits.

In keeping with this objective, the Statistics Division of the Quebec regional office is responsible, among other things, for collecting, processing, analysing and publishing data on various facets of the marine fisheries industry in Quebec.

First, these statistics are of the utmost importance as a means of emphasizing the economic value of fisheries industry. Moreover, they provide managers and scientists with the raw material for conducting analyses that are essential for fisheries resource management.

As a result, this publication provides information on the primary and secondary sectors of the fisheries industry. With respect to the primary sector, information covers the work force involved in fishing, quotas and landings in Quebec in 1985 and 1986. For the secondary sector, fish processing data are published for 1986. It should be noted that this is the first time the Department of Fisheries and Oceans has published these data. As 1984 serves as the reference year for the statistical system used by the federal government, data concerning Quebec fish processing plant output for 1984 and 1985 will be published in a special report in 1987-1988. Statistics in this publication are presented according to the administrative divisions of the Department of

Fisheries and Oceans, Quebec region. The section entitled ''Landings by province'' indicates the quantity and value of landings by species for Quebec, New Brunswick, Nova Scotia, Prince Edward Island and Newfoundland, and the overall total for the Atlantic coast. Moreover, statistics related to the work force and landings are presented on the basis of reporting districts, thus making it possible to link federal and provincial data on a historical basis.

The year 1986 marked the third year of operation of the federal statistical system on marine fisheries in Quebec, which is designed to collect landing data on each boat engaging in commercial fishing in the province. The operations used to constitute the statistical base are effected when fishermen sell their catches to commercial buyers. We rely upon the full cooperation of fishing boat captains for data respecting fishing areas, types of fishing gear used, species caught and so on. Quebec fishing processing plants provide data on fish processing. Statistics on fishermen, the fishing fleet and fishing licences are obtained through administrative processes such as the issuing of licences and certification of boats.

We would like to take this opportunity to thank fishermen, buyers and producers for their continued cooperation, despite what may appear to be occasional constraints inherent in the statistical system. We hope that this report will help them to analyse the fisheries industry, whose value for the primary and secondary sectors totals roughly $300 million. With regard to the quality of data in this publication, considerable effort has been expended to ensure that they are as reliable as possible. Please note that the texts accompanying tables and figures are designed to emphasize the highlights

therein and provide a general description of the data in question. Consequently, these texts are not intended to provide an economic analysis of marine fisheries in Quebec in 1985-1986.

We would like to thank everyone who has directly or indirectly helped prepare this statistical review of marine fisheries in Quebec. We extend special thanks to Zéphirin Bérubé of the Bureau de la Statistique du Québec (BSQ) whose unparalleled knowledge in the field of fisheries aided us considerably in consolidating data for the secondary sector. Moreover, we would be pleased to receive comments or suggestions likely to improve this annual statistical review.

Normand Beaumier

Chief, Statistics and Data Processing Division

July 1987

TABLE OF CONTENTS

Page

LIST OF TABLES x

LIST OF FIGURES xv

METHODOLOGY xxi

THE MARITIME TERRITORY xxii

SYMBOLS AND DEFINITION OF TERMS USED xxiv

WORK FORCE

- The work force in Quebec 3
- Fishermen 4
- Fishing boats 16
- Buyers 22
- Producers 26

ACCESS TO RESOURCES

- Access to resources 33
- Licences issued in 1986 33
- Quotas - 1986 season 46

LANDINGS IN QUEBEC

- Landings in Quebec 57
- Landings by category of boat length 64
- Monthly analysis of landings 68
- Distribution of landings by type of fishing gear used 76
- Average landed prices 80
- Description of the condition of catches upon landing 81
- Relative importance of various fishing harbours 86
- Landings in Quebec by non-Quebec boats 88
- Landings outside of Quebec by Quebec boats 94

DISTRIBUTION OF LANDINGS BY SECTOR

- Gaspé Peninsula

  - Landings in the Gaspé Peninsula 103
  - Landings by category of boat length 108
  - Relative importance of various fishing harbours 120

TABLE OF CONTENTS (continued)

Page

- North Shore

  - Landings on the North Shore 122
  - Landings by category of boat length 128
  - Relative importance of various fishing harbours 138

- Magdalen Islands

  - Landings in the Magdalen Islands 140
  - Landings by category of boat length 146
  - Relative importance of various fishing harbours 152

- St. Lawrence

  - St. Lawrence sector 155

REPORTING DISTRICTS 159

LANDINGS BY PROVINCE 195

LANDINGS BY DFO ADMINISTRATIVE REGION 206

FISH PROCESSING PLANT OUTPUT 211

- Methodology 211
- Plant output, Quebec, 1986 213
- Plant output, Gaspé Peninsula sector, 1986 229
- Plant output, North Shore sector, 1986 243
- Plant output, Magdalen Islands sector, 1986 255

APPENDICES 267

BIBLIOGRAPHY 271

LIST OF TABLES

Table		Page
1	Number of fishermen, by sector and age group	5
1A	Number of full-time fishermen, by sector and age group	9
1B	Number of part-time fishermen, by sector and age group	13
2	Number of boats, by sector and length group	17
2A	Number of boats in all sectors in Quebec, by tonnage group and length	21
3	Buyers operating in Quebec, by sector	23
4	Producers recognized by the DFO in 1985 and 1986	27
5	Number of commercial fishing licences, by sector, for particular species	35
6	Number of commercial fishing licences issued in Quebec in 1986 for the principal species	38
7	Number of commercial fishing licences issued in the Gaspé Peninsula in 1986 for the principal species	40
8	Number of commercial fishing licences issued on the North Shore in 1986 for the principal species	42
9	Number of commercial fishing licences issued in the Magdalen Islands in 1986 for the principal species	44
10	Fishing quotas applicable in Quebec - 1986 season	48
11	Landings in Quebec	61
11A	Landings in Quebec in 1986, by boat length	65
11B	Landings in Quebec in 1985, by boat length	67
12	Monthly landings in Quebec (quantity)	70
12A	Monthly landings in Quebec (value)	72
13	Landings in Quebec by type of fishing gear used	78
14	Average landed price, by species, Quebec region	82

LIST OF TABLES (continued)

Table		Page
15	The 10 leading landing points in Quebec	87
16	Landings in Quebec by non-Quebec boats	89
16A	Value of landings in Quebec by non-Quebec boats	91
17	Landings outside of Quebec by Quebec boats (quantity)	95
17A	Landings outside of Quebec by Quebec boats (value)	98
18	Landings in the Gaspé Peninsula	105
18A	Landings in the Gaspé Peninsula in 1986, by boat length	109
18B	Landings in the Gaspé Peninsula in 1985, by boat length	113
19	Landings, Gaspé North	114
20	Landings, Gaspé East	115
21	Landings, Gaspé South	116
22	Landings, Chaleur Bay	117
23	Average landed prices in the Gaspé Peninsula, by species	118
24	The 10 leading landing points in the Gaspé Peninsula	121
25	Landings on the North Shore	125
25A	Landings on the North Shore in 1986, by boat length	129
25B	Landings on the North Shore in 1985, by boat length	131
26	Landings, upper North Shore	132
27	Landings, middle North Shore	133
28	Landings, lower North Shore	135
29	Average landed prices on the North Shore, by species	136
30	The 10 leading landing points on the North Shore	139
31	Landings in the Magdalen Islands	143
31A	Landings in the Magdalen Islands in 1986, by boat length	147

LIST OF TABLES (continued)

Table		Page
31B	Landings in the Magdalen Islands in 1985, by boat length	149
32	Average landed prices in the Magdalen Islands, by species	150
33	The 10 leading landing points in the Magdalen Islands	153
34	Number of fishermen, by reporting district	159
34A	Number of fishermen-owners, by reporting district	160
34B	Number of fishermen's helpers, by reporting district	161
35	Number of boats, by reporting district	162
36	Landings, Anse-à-Gilles to Pointe-Rouge	163
37	Landings, Pointe-Rouge to Notre-Dame-du-Portage	164
38	Landings, Notre-Dame-du-Portage to Cap-à-l'Orignal	165
39	Landings, Sainte-Flavie to the eastern boundary of Matane County	166
40	Landings, Cap-Chat to Duchesnay	167
41	Landings, Duchesnay to Saint-Hélier	168
42	Landings, Saint-Hélier to Petite-Rivière-au-Renard	169
43	Landings, Petite-Rivière-au-Renard to Cap-des-Rosiers	170
44	Landings, Cap-Gaspé to Pointe-Saint-Pierre	171
45	Landings, Pointe-Saint-Pierre to Brèche-à-Manon	172
46	Landings, Brèche-à-Manon to Pointe-Maquereau	173
47	Landings, Pointe-Maquereau to New Carlisle	174
48	Landings, New Carlisle to Grande-Cascapédia River	175
49	Landings, Grande-Cascapédia River to Pointe-Miguasha	176
50	Landings, Pointe-Miguasha to Restigouche River	177
51	Landings, Cap-Tourmente to Saguenay River	178

LIST OF TABLES (continued)

Table		Page
52	Landings, Saguenay River to Bersimis	179
53	Landings, Bersimis to Sainte-Marguerite River	180
54	Landings, Sainte-Marguerite River to Rivière-Pigou	181
55	Landings, Rivière-Pigou to Havre Saint-Pierre	182
56	Landings, Havre Saint-Pierre to Rivière-Kégaska	183
57	Landings, Rivière-Kégaska to Baie-des-Moutons	184
58	Landings, Baie-des-Moutons to Bonne-Espérance	185
59	Landings, Bonne-Espérance to Blanc-Sablon	186
60	Landings, Anticosti Island	187
61	Landings, Magdalen Islands, Northern Division	188
62	Landings, Île-du-Havre-Aubert to Île-d'Entrée	189
63	Landings, Île-de-Cap-aux-Meules	190
64	Landings, other districts	191
65	Landings, New Brunswick	195
66	Landings, Nova Scotia	196
67	Landings, Newfoundland	197
68	Landings, Prince Edward Island	198
69	Landings, Quebec	199
70	Landings, Atlantic Coast	201
71	Landings in 1986, by administrative region	207
72	Output of Quebec plants in 1986, by species and type of product	215
73	Output of plants in the Gaspé Peninsula in 1986, by species and type of product	231
74	Output of plants on the North Shore in 1986, by species and type of product	245

LIST OF TABLES (continued)

Table | Page

75 Output of plants in the Magdalen Islands in 1986, by species and type of product 257

Appendix 1: Limits of marine statistics reporting districts in Quebec 267

Appendix 2: Sub-areas and divisions of the NAFO convention area 269

LIST OF FIGURES

Figure Page

1 Map of the maritime territory of Quebec xxiii

2 Distribution of fishermen, 1985-1986, by age group 6

3 Distribution of fishermen, 1985-1986, by sector 6

4 Distribution of fishermen in 1985, by age group and sector 7

5 Distribution of fishermen in 1986, by age group and sector 7

6 Distribution of full-time fishermen in 1985-1986, by age group 10

7 Distribution of full-time fishermen in 1985-1986, by sector 10

8 Distribution of full-time fishermen in 1985, by age group and sector 11

9 Distribution of full-time fishermen in 1986, by age group and sector 11

10 Distribution of part-time fishermen in 1985-1986, by age group 14

11 Distribution of part-time fishermen in 1985-1986, by sector 14

12 Distribution of part-time fishermen in 1985, by age group and sector 15

13 Distribution of part-time fishermen in 1986, by age group and sector 15

14 Distribution of boats in 1985-1986, by length group 18

15 Distribution of boats in 1985-1986, by sector 18

16 Distribution of boats in 1985, by length group and sector 19

17 Distribution of boats in 1986, by length group and sector 19

18 Distribution of buyers in 1985, by sector 25

LIST OF FIGURES (continued)

Figure		Page
19	Distribution of buyers in 1986, by sector	25
20	Distribution of producers recognized by the DFO in 1985, by sector	29
21	Distribution of producers recognized by the DFO in 1986, by sector	29
22	Distribution of commercial fishing licences issued in the Gaspé Peninsula, 1985-1986	36
23	Distribution of commercial fishing licences issued on the North Shore, 1985-1986	36
24	Distribution of commercial fishing licences issued in the Magdalen Islands, 1985-1986	37
25	Distribution of commercial fishing licences issued in 1985-1986	37
26	Landings of particular species in Quebec, 1985-1986	62
27	Landed values of particular species in Quebec, 1985-1986	62
28	Landings in Quebec in 1985-1986, by species group	63
29	Landed values, Quebec, 1985-1986, by species group	63
30	Monthly distribution of landings in 1986, by species group	75
31	Monthly distribution of landed values in 1986, by species group	75
32	Distribution of landings by non-Quebec boats in Quebec, 1985	92
33	Distribution of landings by non-Quebec boats in Quebec, 1986	92
34	Distribution of landed values for non-Quebec boats in Quebec, 1985	93
35	Distribution of landed values for non-Quebec boats in Quebec, 1986	93

LIST OF FIGURES (continued)

Figure		Page
36	Distribution of landings outside of Quebec by Quebec boats, by province, 1985	97
37	Distribution of landings outside of Quebec by Quebec boats, by province, 1986	97
38	Distribution of landed values outside of Quebec by Quebec boats, by province, 1986	99
39	Distribution of landings in the Gaspé Peninsula, by species group, 1985-1986	107
40	Distribution of landed values in the Gaspé Peninsula, by species group, 1985-1986	107
41	Distribution of landings in the Gaspé Peninsula, by boat length, 1986	111
42	Distribution of landed values in the Gaspé Peninsula, by boat length, 1986	111
43	Distribution of landings on the North Shore, by species group, 1985-1986	127
44	Distribution of landed values on the North Shore, by species group, 1985-1986	127
45	Distribution of landings on the North Shore, by boat length, 1986	130
46	Distribution of landed values on the North Shore, by boat length, 1986	130
47	Distribution of landings in the Magdalen Islands, by species group, 1986	145
48	Distribution of landed values in the Magdalen Islands, by species group, 1986	145
49	Distribution of landings in the Magdalen Islands, by boat length, 1986	148
50	Distribution of landed values in the Magdalen Islands, by boat length, 1986	148
51	Distribution of landings on the Atlantic Coast, by species group, 1985	202

LIST OF FIGURES (continued)

Figure Page

52 Distribution of landed values on the Atlantic Coast, by species group, 1985 202

53 Distribution of landings on the Atlantic Coast, by species group, 1986 203

54 Distribution of landed values on the Atlantic Coast, by species group, 1986 203

55 Distribution of output volume by principal species, Quebec, 1986 224

56 Distribution of output value by principal species, Quebec, 1986 224

57 Distribution of output volume by species group, Quebec, 1986 225

58 Distribution of output value by species group, Quebec, 1986 225

59 Distribution of output volume in Quebec, by sector, 1986 227

60 Distribution of output value in Quebec, by sector, 1986 227

61 Distribution of output volume in the Gaspé Peninsula, by principal species, 1986 240

62 Distribution of output value in the Gaspé Peninsula, by principal species, 1986 240

63 Distribution of output volume in the Gaspé Peninsula, by species group, 1986 241

64 Distribution of output value in the Gaspé Peninsula, by species group, 1986 241

65 Distribution of output volume on the North Shore, by principal species, 1986 252

66 Distribution of output value on the North Shore, by principal species, 1986 252

LIST OF FIGURES (continued)

Figure Page

67 Distribution of output volume on the North Shore, by species group, 1986 253

68 Distribution of output value on the North Shore, by species group, 1986 253

69 Distribution of output volume in the Magdalen Islands, by principal species, 1986 262

70 Distribution of output value in the Magdalen Islands, by principal species, 1986 262

71 Distribution of output volume in the Magdalen Islands, by species group, 1986 263

72 Distribution of output value in the Magdalen Islands, by species group, 1986 263

METHODOLOGY

The Quebec Directorate of Fisheries and Oceans statistics system is the source of the data in this publication. This system comprises several modules, three of which were used to produce this report, i.e. the catches, activity and fishing quotas module; the fishermen, boats and licences module; and the output module.

The data on fishermen, boats and licences are taken from administrative documents relating to the issue of fishing licences. The number of fishermen represents the number of persons registered as commercial fishermen in 1986. The number of boats reflects the number of fishing boats registered in 1986. The number of fishing licences represents the number of fishing licences issued, although not necessarily used, in 1986.

The information relating to landings of marine products is obtained from commercial buyers of such products. Every buyer is required to send us a copy of the form provided by the Department in order to register his purchases of fish from fishermen. Each such transaction corresponds, generally speaking, to one fishing trip. Moreover, fisheries officers are required to submit monthly estimates of catches that have not been sold to commercial buyers. This approach is designed to take into account sales of fish directly to the public, fish consumed by commercial fishermen and their families, fish used as bait, and fish processed directly by fishermen. Under the circumstances, data gathering, encoding and acquisition operations are carried out in the various maritime sectors, at Gaspé, Sept-Îles and Cap-aux-Meules.

The concepts and definitions used follow the standards set by the Co-ordinating Committee on Statistics for the Atlantic Coast (COSTACA), and hence are compatible with the systems of the other Atlantic regions (Newfoundland, Scotia-Fundy and Gulf). The reader can refer to the documents published by that body in order to learn more about concepts and definitions (see Bibliography). Some of these documents are available from the Statistics Division of the Quebec regional office.

Data relating to landings for 1984, 1985 and 1986 have been collected by the Department of Fisheries and Oceans. For data on 1983 and earlier years, please refer to the Bureau de la Statistique du Québec (BSQ).

In the various tables relating to landings, the figures have been rounded off; consequently, they may not add up to exactly the totals indicated.

It should also be noted that some of the data concerning landings of salmon, eel, smelt, tomcod, capelin and sturgeon have been provided by the Bureau de la Statistique du Québec (BSQ).

The methodology used with regard to fish processing plant output data is discussed in the chapter entitled ''Fish processing plant output.''

THE MARITIME TERRITORY

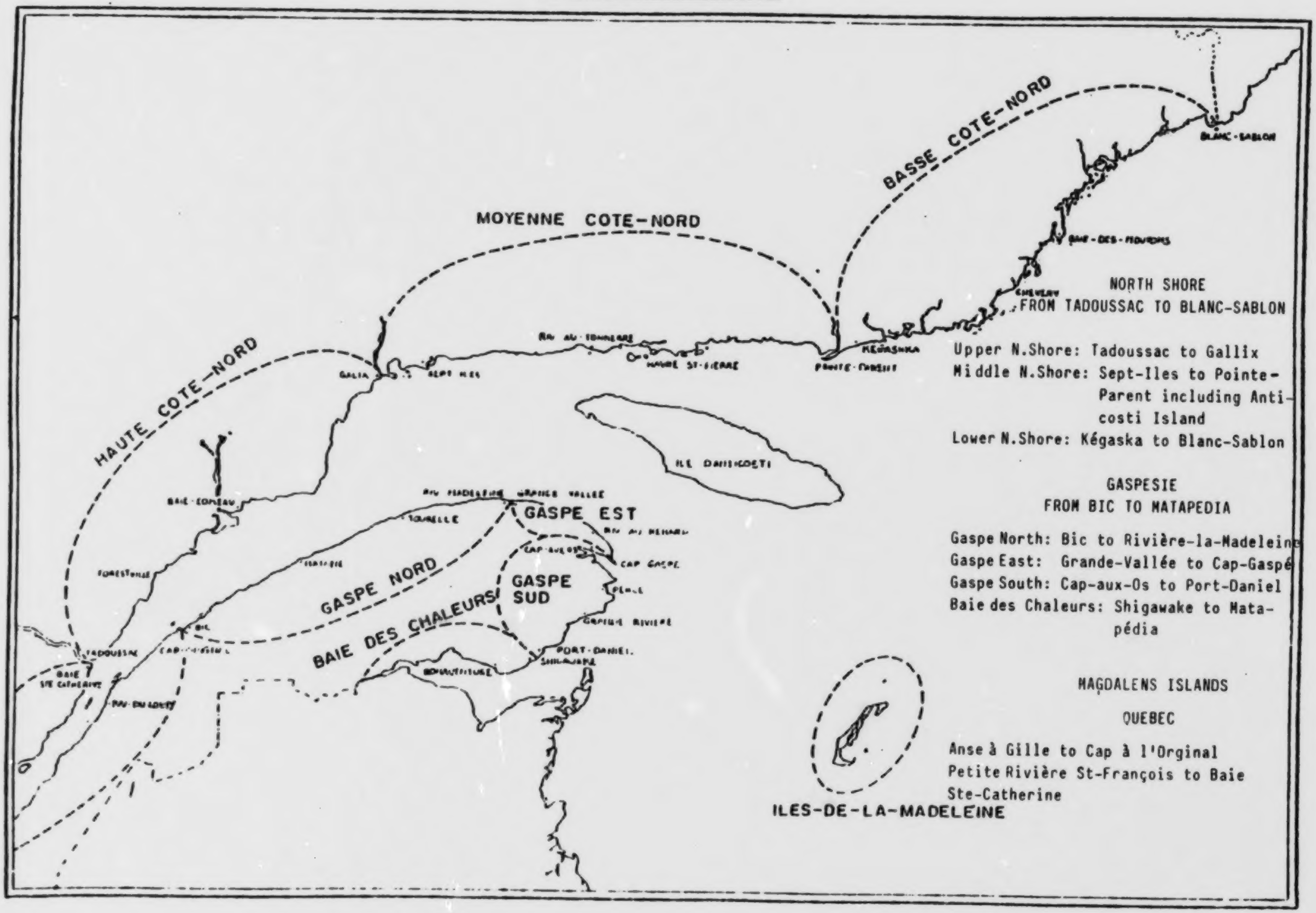
The maritime territory of Quebec begins at the eastern tip of the Île- d'Orléans and is divided into four sectors. The St. Lawrence sector extends from l'Anse-à-Gilles to Cap-à-l'Orignal (South Shore) and from Cap-Tourmente to Baie-Sainte-Catherine (North Shore). The North Shore sector lies between Tadoussac and Blanc-Sablon (including Anticosti Island). The Gaspé Peninsula sector begins at Bic and ends at Matapédia. Lastly, the Magadalen Islands constitute the geographical territory of the sector bearing the same name. For additional details, see the map "Maritime Territory of Quebec" on the facing page.

On a different basis, the maritime territory of the Quebec region is subdivided for statistical purposes into 28 reporting districts. These reporting districts are delimited by clearly identifiable geographic points, and are used in most statistical systems. Through this standardization, data gathered by the Department of Fisheries and Oceans (DFO) since 1984 can be compared with data published by the Bureau de la Statistique du Québec (BSQ) for earlier years.

A complete list of the 28 reporting districts with their respective geographical limits will be found in Appendix 1.

FIGURE 1

THE MARITIME TERRITORY


BASSE COTE-NORD
MOYENNE COTE-NORD
HAUTE COTE-NORD
GASPE EST
GASPE NORD
GASPE SUD
BAIE DES CHALEURS
ILES-DE-LA-MADELEINE
BLANC-SABLON
BAIE-DES-MOUTONS
CHEVERY
KÉGASKA
HAVRE ST-PIERRE
SEPT ILES
BAIE-COMEAU
FORESTVILLE
TADOUSSAC
BAIE STE CATHERINE
BIC
TOURELLE
GRANDE VALLEE
CAP GASPE
PORT-DANIEL
SHIGAWAKE
NORTH SHORE
FROM TADOUSSAC TO BLANC-SABLON
Upper N.Shore: Tadoussac to Gallix
Middle N.Shore: Sept-Iles to Pointe-Parent including Anticosti Island
Lower N.Shore: Kégaska to Blanc-Sablon
GASPESIE
FROM BIC TO MATAPEDIA
Gaspe North: Bic to Rivière-la-Madeleine
Gaspe East: Grande-Vallée to Cap-Gaspé
Gaspe South: Cap-aux-Os to Port-Daniel
Baie des Chaleurs: Shigawake to Matapédia
MAGDALENS ISLANDS
QUEBEC
Anse à Gille to Cap à l'Orginal
Petite Rivière St-François to Baie Ste-Catherine

SYMBOLS

●,*	Less than half of the smallest unit used
-	Nil or zero
%	Proportion of one quantity in relation to another on a percentage basis
Δ%	Percentage variation indicating the amplitude of upward or downward movements between one year and the next. It is calculated on the basis of the following formula:

$$\text{variation } (\Delta\%) = \frac{\text{datum from the year under consideration} - \text{datum from the preceding year} \times 100}{\text{datum from the preceding year}}$$

n/a	Information not significant
m.t.	Metric ton
...	Not included because of difference in units

DEFINITION OF TERMS USED IN THIS PUBLICATION

Landings:	Designates the quantity of fish, molluscs and crustaceans landed, excluding rejects, expressed in live weight.
Live weight:	Designates the weight of the fish when alive. This weight can if necessary be estimated on the basis of landed visual parameters by means of a standard conversion factor.
Conversion factor:	Designates a ratio used to convert the weight of a product or set of visual parameters into live weight equivalent.
Landed value:	Designates the monetary value of the recorded landed quantity, i.e. the quantity landed multiplied by the price per unit measure or the value provided by the buyer.

Average price:	Total value of all landings sold divided by total landed live weight in kilograms.
Value:	Statistics on value are expressed in current Canadian dollars.
Buyer:	Designates a person or firm engaging, on a commercial basis, in the buying of fish directly from fishermen.
Quota:	Designates, for a particular species and fishing area, the catch limit to which a segment of the commercial fishing fleet is subject.
Fishing gear:	Designates any equipment used to capture fish.
Commercial fishing licence:	Designates a document issued by the Department of Fisheries and Oceans which authorizes the holder to operate a commercial fishing boat for the purpose of exploiting the species named in the licence.
Commercial fisherman:	Designates any person registered with the Department of Fisheries and Oceans who lawfully operates fishing gear by virtue of a commercial fishing licence.
Producer:	Any processing firm that holds a registration licence issued by the Department of Fisheries and Oceans and sells its products outside of the Province of Quebec.

EMPLOYMENT

AND EQUIPMENT

THE WORK FORCE IN QUEBEC

The fisheries work force in Quebec is defined essentially by the number of fishermen, boats, buyers and producers operating in Quebec.

This chapter focuses on the characteristics of these components, i.e. their number, distribution by sector and other inherent traits.

Generally, 1986 saw a drop in the number of fishermen, boats and licences compared with 1985. Despite these reductions, the number of producers increased in 1986.

Fishermen

In 1986, there were 6 237 commercial fishermen in Quebec, distributed in the following manner: 2 851 in the Gaspé Peninsula, 2 134 on the North Shore, 1 160 in the Magdalen Islands, and 92 in the St. Lawrence sector.

In 1985, there were 6 695 commercial fishermen, or 458 more than in 1986, a 7% change.

Moreover, in 1986 there were 3 225 full-time fishermen, compared with 3 424 in 1985, a 6% drop; there were 3 012 part-time fishermen in 1986, compared with 3 271 in 1985.

The largest age group is still 25-34 years (1 797 fishermen). It should also be noted that the number of fishermen under 25 fell 10% from 1 517 in 1985 to 1 360 in 1986. The number of fishermen 65 and over decreased from 301 in 1985 to 248 in 1986.

The following tables and figures provide more detailed information on Quebec fishermen.

TABLE 1

NUMBER OF COMMERCIAL FISHERMEN, BY SECTOR AND AGE GROUP

AGE GROUP

SECTOR	YEAR	Under 25	Var. In %	25 to 34	Var. In %	35 to 44	Var. In %	45 to 64	Var. In %	65 and over	Var. In %	TOTAL	Var. In %
ST-LAWRENCE	1985	16	-56	25	-20	17	-12	39	-13	12	33	109	-16
	1986	7		20		15		34		16		92	
NORTH-SHORE	1985	603	-12	578	-5	554	-10	489	-4	98	-9	2,322	-8
	1986	528		548		499		470		89		2,134	
GASPE PENINSULA	1985	640	-12	955	-5	634	-6	712	-8	160	-24	3,101	-8
	1986	566		909		597		657		122		2,851	
MAGDALEN ISLANDS	1985	258	•	327	-2	273	7	274	-3	31	-32	1,163	•
	1986	259		320		293		267		21		1,160	
TOTAL	1985	1,517	-10	1,885	-5	1,478	-5	1,514	-6	301	-18	6,695	-7
	1986	1,360		1,797		1,404		1,428		248		6,237	

FIGURE 2

Distribution of Fishermen
by Age Group
In 1985-86

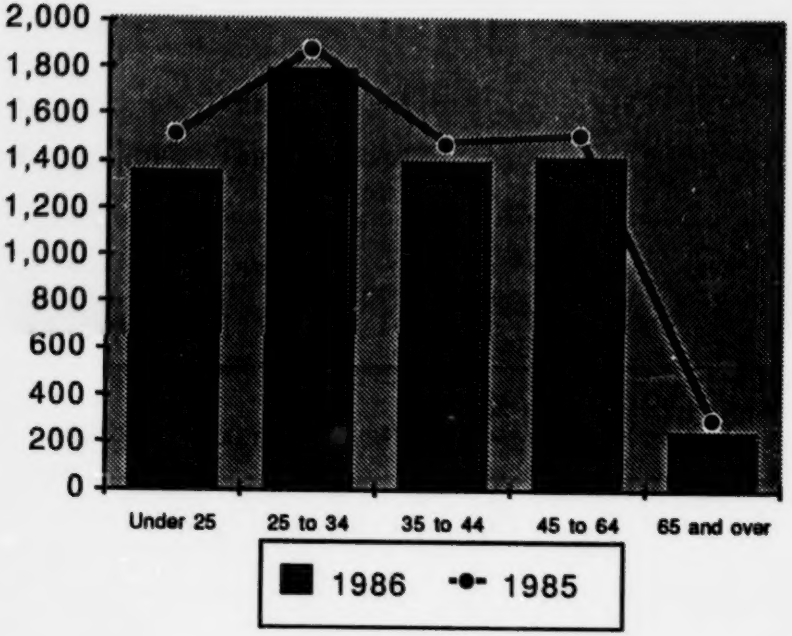


FIGURE 3

Distribution of Fishermen
by Sector
In 1985-86

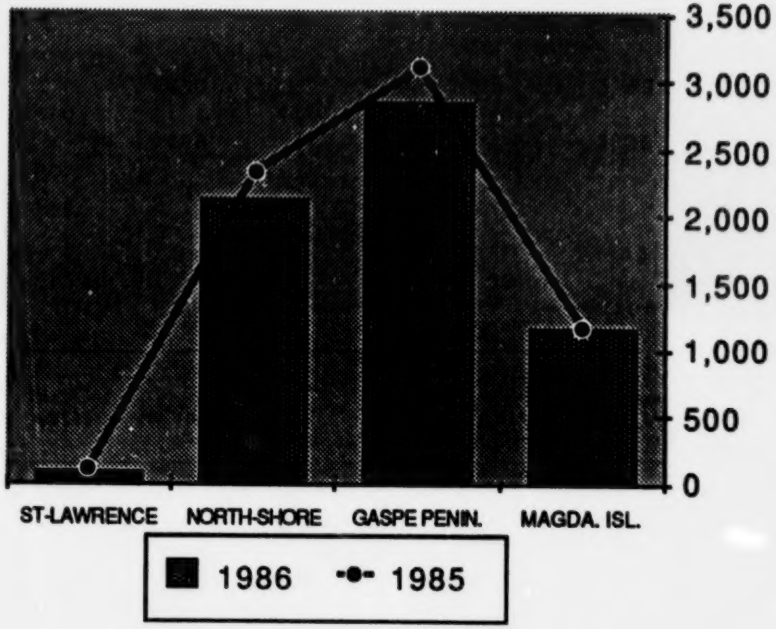


FIGURE 4

Distribution of Fishermen
by Age Group and Sector
in 1985

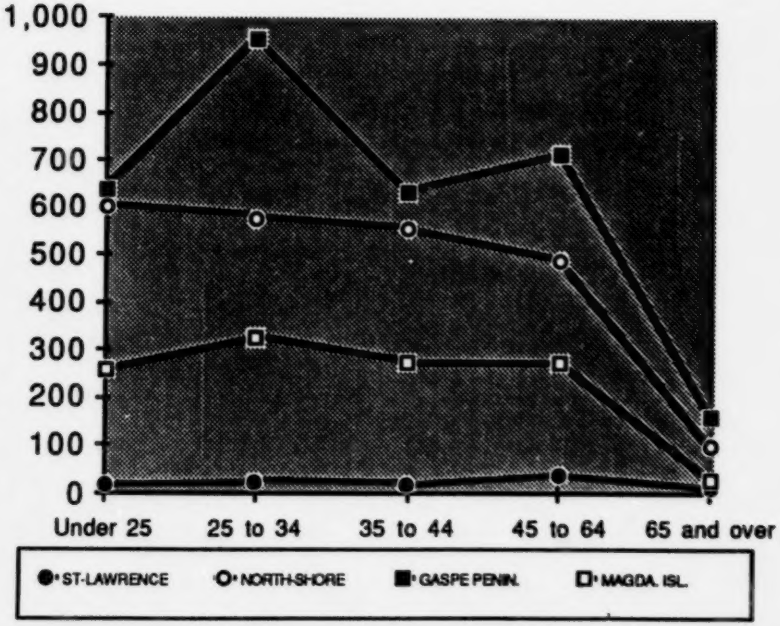


FIGURE 5

Distribution of Fishermen
by Age Group and Sector
in 1986

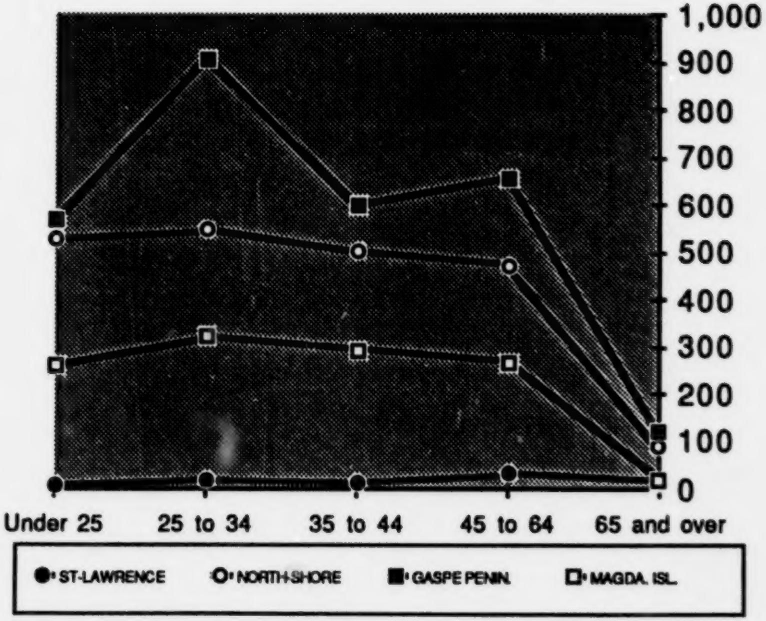


TABLE 1A

NUMBER OF FULL TIME COMMERCIAL FISHERMEN, BY SECTOR AND AGE GROUP

AGE GROUP

SECTOR	YEAR	Under 25	Var. In %	25 to 34	Var. In %	35 to 44	Var. In %	45 to 64	Var. In %	65 and over	Var. In %	TOTAL	Var. In %
ST-LAWRENCE	1985	7	-57	4	-75	-	-	4	-	2	-50	17	-41
	1986	3		1		1		4		1		10	
NORTH-SHORE	1985	214	-8	244	-2	222	-4	170	9	21	-43	871	-3
	1986	196		240		213		186		12		847	
GASPE PENINSULA	1985	341	-24	576	-13	382	-13	390	-6	68	-26	1,757	-14
	1986	260		504		334		368		50		1,516	
MAGDALEN ISLANDS	1985	139	16	221	5	205	13	208	5	6	17	779	9
	1986	161		233		232		219		7		852	
TOTAL	1985	701	-12	1,045	-6	809	-4	772	1	97	-28	3,424	-6
	1986	620		978		780		777		70		3,225	

FIGURE 6

Distribution of Full Time Fishermen by Age Group in 1985-86

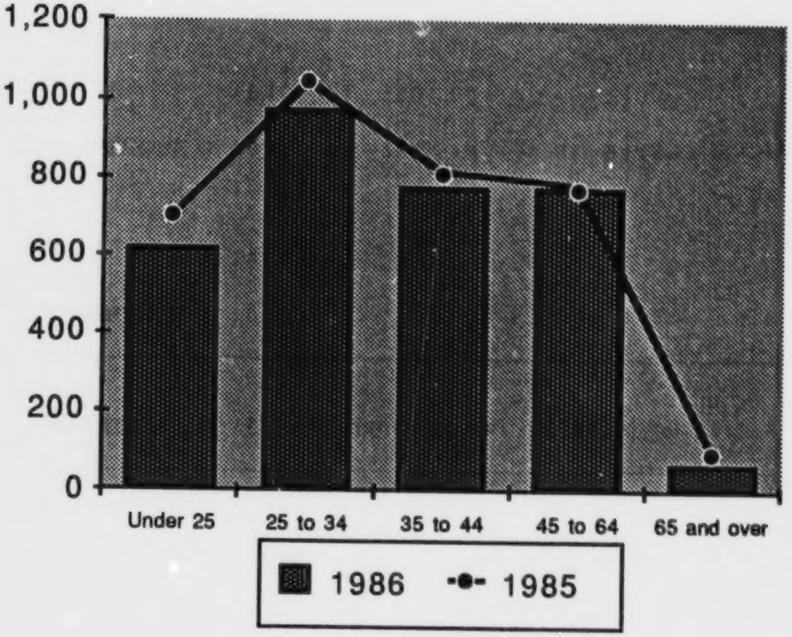


FIGURE 7

Distribution of Full Time Fishermen by Sector in 1985-86

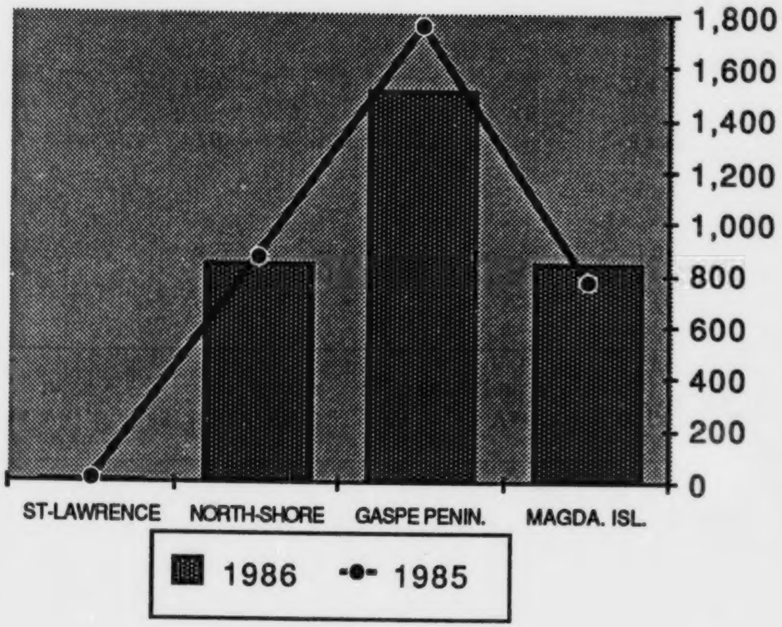


FIGURE 8

Distribution of Full Time Fishermen by Age Group and Sector in 1985

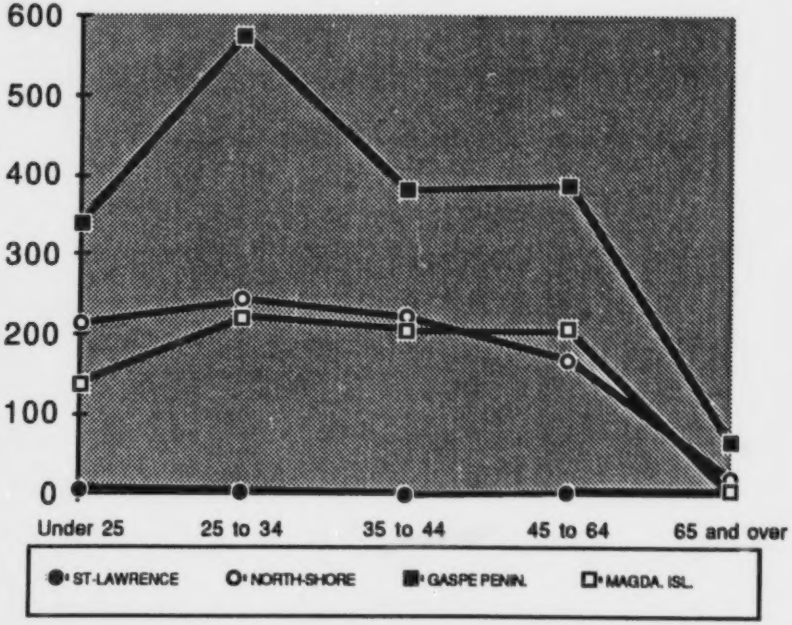


FIGURE 9

Distribution of Full Time Fishermen by Age Group and Sector in 1986

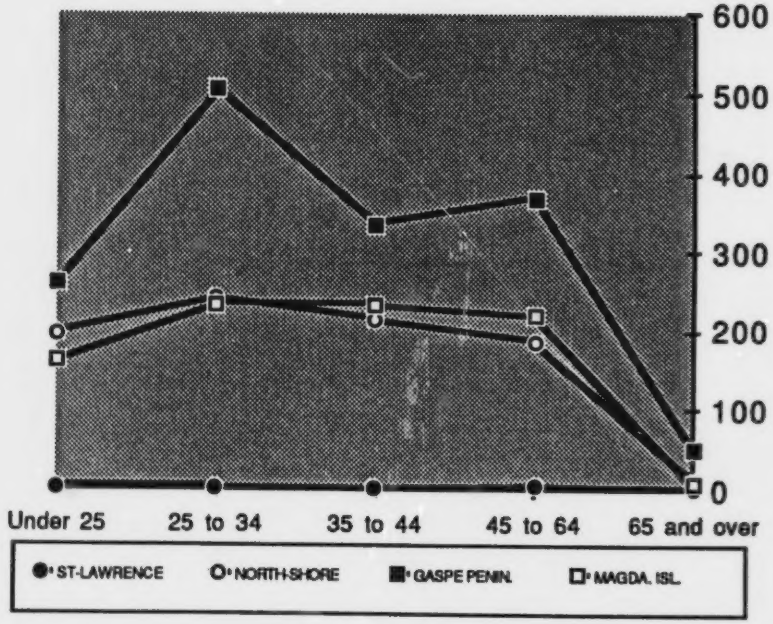


TABLE 1B

NUMBER OF PART TIME COMMERCIAL FISHERMEN IN 1985-86, BY SECTOR AND AGE GROUP

AGE GROUP

SECTOR	YEAR	Under 25	Var. In %	25 to 34	Var. In %	35 to 44	Var. In %	45 to 64	Var. In %	65 and over	Var. In %	TOTAL	Var. In %
ST-LAWRENCE	1985	9	-56	21	-10	17	-18	35	-14	10	50	92	-11
	1986	4		19		14		30		15		82	
NORTH-SHORE	1985	389	-15	334	-8	332	-14	319	-11	77	-	1,451	-11
	1986	332		308		286		284		77		1,287	
GASPE PENINSULA	1985	299	2	379	7	252	4	322	-10	92	-22	1,344	-1
	1986	306		405		263		289		72		1,335	
MAGDALEN ISLANDS	1985	119	-18	106	-18	68	-10	66	-27	25	-44	384	-20
	1986	98		87		61		48		14		308	
TOTAL	1985	816	-9	840	-3	669	-7	742	-12	204	-13	3,271	-8
	1986	740		819		624		651		178		3,012	

FIGURE 10

Distribution of Part Time Fishermen by Age Group in 1985-86

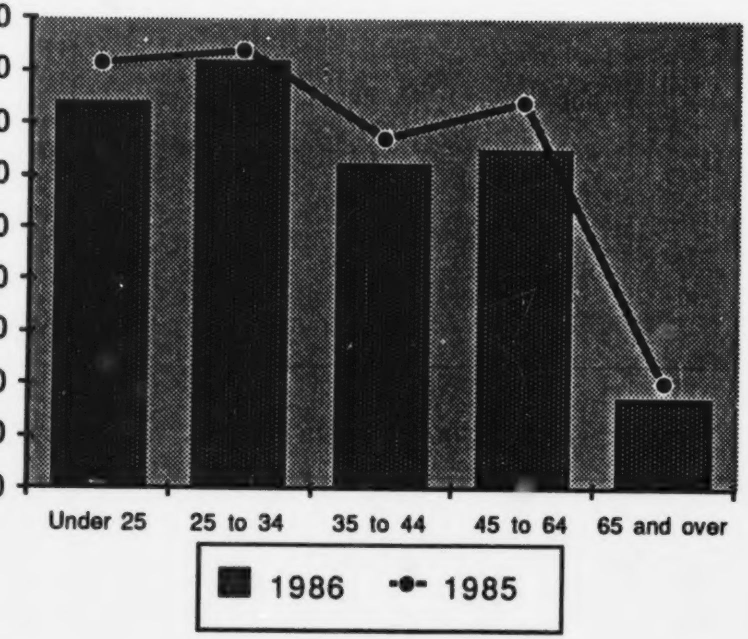


FIGURE 11

Distribution of Part Time Fishermen by Sector in 1985-86

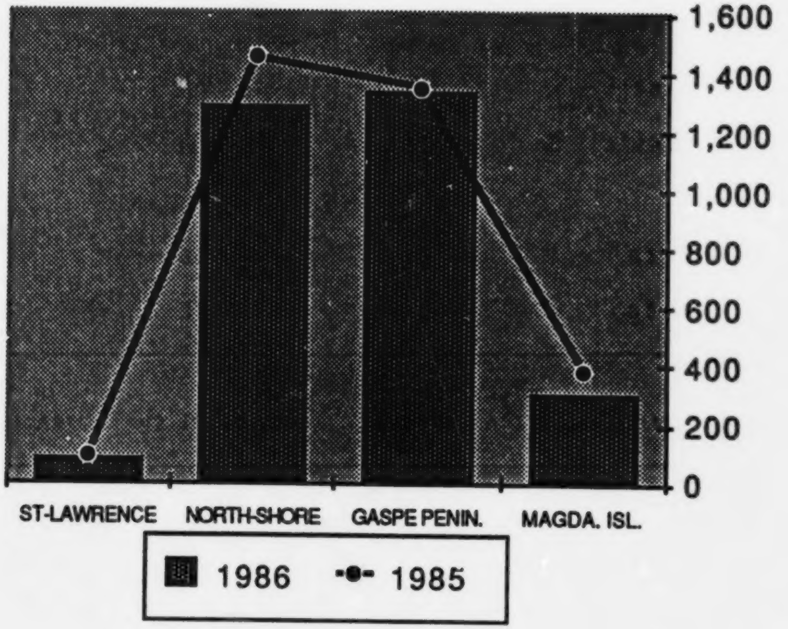


FIGURE 12

Distribution of Part Time Fishermen by Age Group and Sector In 1985

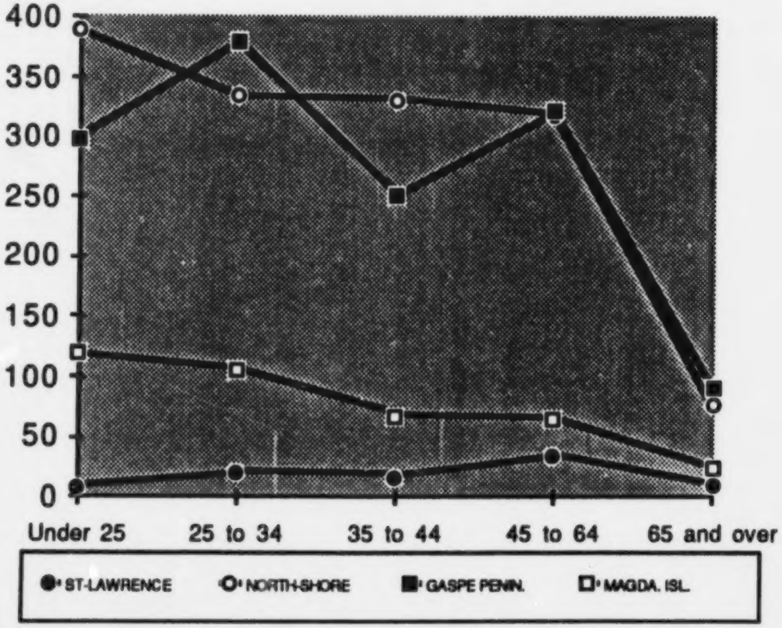
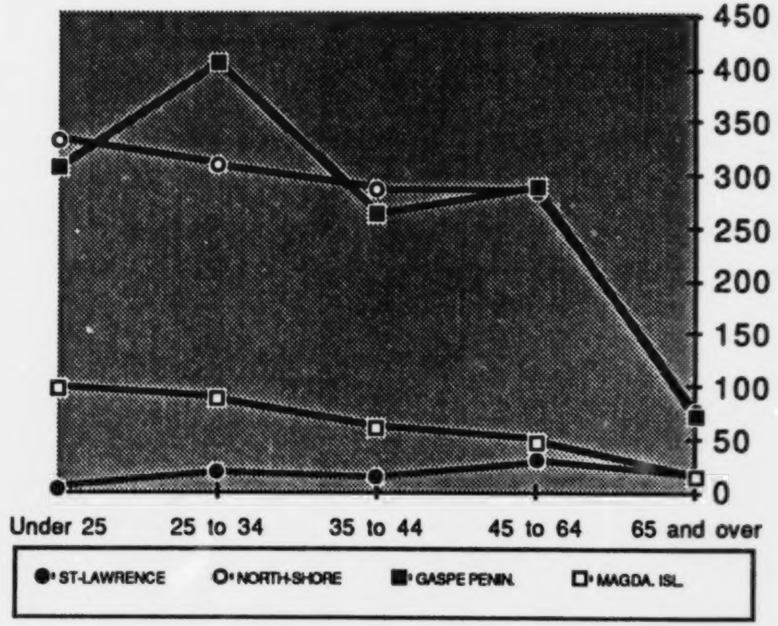


FIGURE 13

Distribution of Part Time Fishermen by Age Group and Sector In 1986



Fishing boats

In 1986 there were 2 730 commercial fishing boats in Quebec, compared with 2 922 in 1985, a 7% decrease. The boats were distributed by sector in the following manner: 1 131 on the North Shore, 1 116 in the Gaspé Peninsula, 447 in the Magdalen Islands, and 36 in the St. Lawrence sector.

The North Shore had the largest fleet, including 973 fishing boats under 35 feet in length.

The largest number of boats between 35 feet and 44 feet 11 inches -- 133 all told -- were located in the Gaspé Peninsula, as was the largest group of vessels between 45 feet and 64 feet 11 inches (165).

In the Magdalen Islands, there were seven boats over 100 feet in length, the largest number in this category in Quebec.

In Quebec as a whole, increases (albeit slight ones) were noted in the groups of boats between 35 feet and 44 feet 11 inches, between 45 feet and 64 feet 11 inches, and over 100 feet in length. The number of boats in the category of vessels between 65 feet and 99 feet 11 inches in length remained stable, at 17, in relation to 1985. In absolute terms, the most marked decrease was noted in the under-35-foot category (199), although this group still predominates in the Quebec fishing fleet.

Table 2A indicates a new distribution of the fleet by tonnage and maritime sector in Quebec. The length of boats is also used for information purposes.

TABLE 2

NUMBER OF BOATS IN 1985-86, BY SECTOR AND LENGTH GROUP

LENGTH GROUP

SECTOR	YEAR	Under 35'	Var. in %	35' à 44'11"	Var. in %	45' à 64'11"	Var. in %	65' à 99'11"	Var. in %	100' and over	Var. in %	TOTAL	Var. in %
ST-LAWRENCE	1985	41	-12	-	-	-	-	-	-	-	-	41	-12
	1986	36		-		-		-		-		36	
NORTH-SHORE	1985	1,032	-6	129	-2	31	-6	2	-	-	-	1,194	-5
	1986	973		127		29		2		-		1,131	
GASPE PENINSULA	1985	923	-13	129	3	165	-	13	-	2	50	1,232	-9
	1986	802		133		165		13		3		1,116	
MAGDALEN ISLANDS	1985	318	-4	113	2	16	19	2	-	6	17	455	-2
	1986	304		115		19		2		7		447	
TOTAL	1985	2,314	-9	371	1	212	-	17	-	8	25	2,922	-7
	1986	2,115		375		213		17		10		2,730	

FIGURE 14

Distribution of Boats by Lenght Group in 1985-86

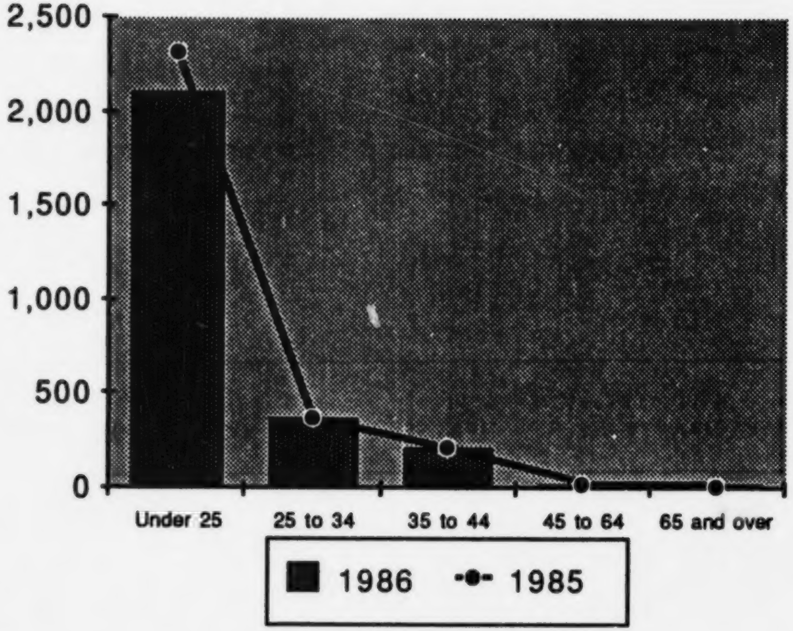


FIGURE 15

Distribution of Boats by Sector in 1985-86

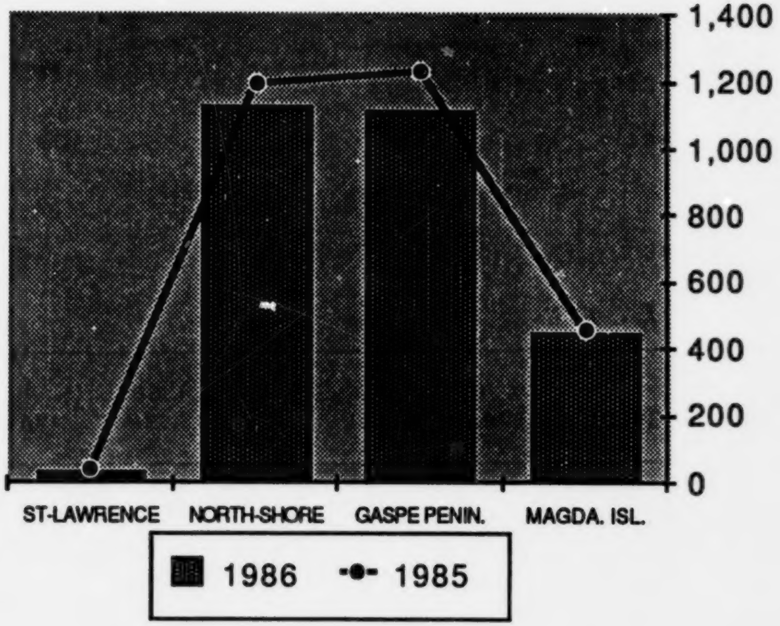


FIGURE 16

**Distribution of Boats
by Lenght Group and by Sector
in 1985**

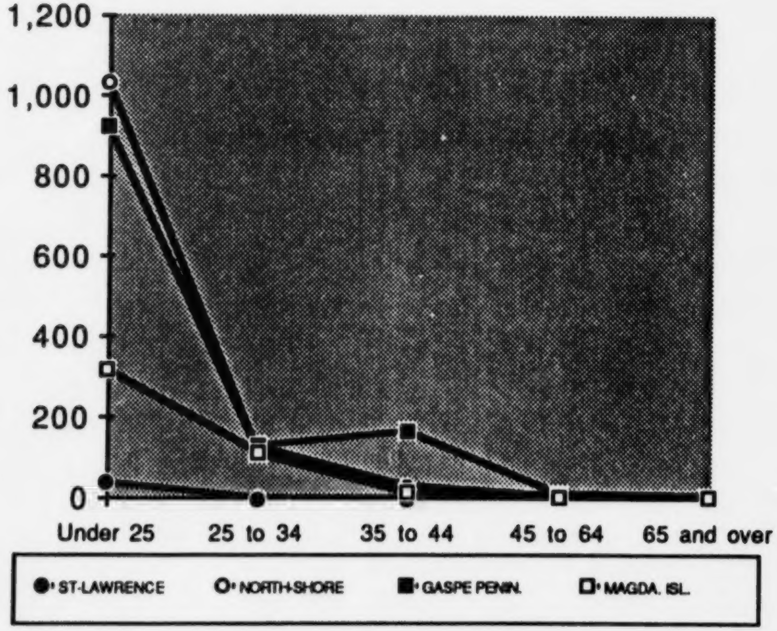


FIGURE 17

**Distribution of Boats
by Lenght Group and by Sector
in 1986**

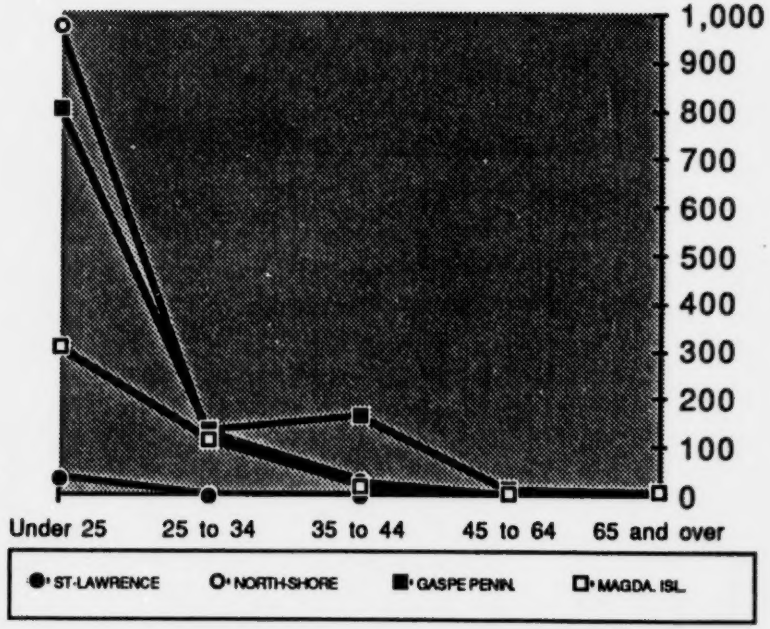


TABLE 2A

NUMBER OF BOATS IN ALL QUEBEC'S SECTORS

BY TONS AND LENGTH GROUP

Groups by ton and by boat length	NORTH - SHORE UPPER	 MIDDLE	 LOWER	TOTAL	GASPE PENINSULA NORTH	 EAST	 SOUTH	 BAIE-DES CHALEURS	TOTAL	MAGDALEN ISLANDS	SAINT-LAWRENCE	TOTAL OF QUEBEC
Less than 10-ton boat												
Less than 20'	109	164	268	541	138	94	74	34	340	13	30	924
20' to 24'	30	47	78	155	64	54	117	31	266	4	4	429
25' to 29'	15	17	126	158	20	12	67	25	124	63	2	347
30' to 34'	7	6	98	111	13	10	25	9	57	137	-	305
35' to 39'	2	3	4	9	5	4	6	1	16	8	-	33
40' to 44'	-	4	-	4	2	1	4	2	9	3	-	16
Total	163	241	574	978	242	175	293	102	812	228	36	2,054
10 to 24.9-ton boat												
20' to 24'	-	-	-	-	-	1	-	-	1	-	-	1
25' to 29'	-	-	-	-	-	-	1	-	1	-	-	1
30' to 34'	2	-	6	8	2	5	6	-	13	87	-	108
35' to 39'	11	16	49	76	15	8	21	6	50	78	-	204
40' to 44'	14	20	3	37	13	2	29	10	54	24	-	115
45' to 64'	5	6	3	14	5	9	19	4	37	4	-	55
Total	32	42	61	135	35	25	76	20	156	193	-	484
25 to 49.9-ton boat												
35' to 39'	-	1	-	1	-	-	-	-	-	-	-	1
40' to 44'	-	-	-	-	2	-	1	1	4	2	-	6
45' to 64'	-	5	4	9	6	23	36	1	66	7	-	82
Total	-	6	4	10	8	23	37	2	70	9	-	89
50 to 99.9-ton boat												
45' to 64'	-	3	3	6	13	25	22	2	62	8	-	76
100 to 149.9-ton boat												
65' to 99'	-	2	-	2	4	8	1	-	13	1	-	16
150-ton boat and more												
65' to 99'	-	-	-	-	-	-	-	-	-	1	-	1
100' and over	-	-	-	-	3	-	-	-	3	7	-	10
Total	-	-	-	-	3	-	-	-	3	8	-	11
All the groups	195	294	642	1,131	305	256	429	126	1,116	447	36	2,730

Buyers

Between 1985 and 1986, the number of buyers increased by 8.9%, from 112 to 122.

The largest increase occurred in the North Shore sector, where the number of buyers rose from 39 in 1985 to 45 in 1986, a 15.4% increase. The Gaspé Peninsula continued to have the largest number of buyers (56).

The distribution of buyers and landings in 1986 is as follows: nearly 46% of all buyers were found in the Gaspé Peninsula, which accounted for 59% of all landings in Quebec. Nearly 37% of Quebec buyers were found on the North Shore, although the sector accounted for 19% of landings. Nearly 11% of buyers were found in the Magdalen Islands, which accounted for 21% of landings.

Some 7% of buyers were found in the St. Lawrence region, which accounted for less than 1% of landings.

Overall, 1986 saw an 8.9% increase in the number of buyers and a 0.2% drop in landings.

TABLE 3

BUYERS OPERATING IN QUEBEC, BY SECTOR IN 1985-86

SECTOR	YEAR	Number	Variation In %	Quantity In metric tons	Variation In %	Quantity landed In % of total
ST-LAWRENCE	1985	7	14.3	905	-28.7	1.0
	1986	8		645		0.7
NORTH-SHORE	1985	39	15.4	18,199	-7.5	20.2
	1986	45		16,841		18.7
GASPE PENINSULA	1985	54	3.7	53,521	-0.4	59.3
	1986	56		53,283		59.2
MAGDALEN ISLANDS	1985	12	8.3	17,564	9.3	19.5
	1986	13		19,201		21.3
TOTAL	1985	112	8.9	90,189	-0.2	100.0
	1986	122		89,970		100.0

FIGURE 18

Sector-by-Sector Distribution of Buyers in 1985

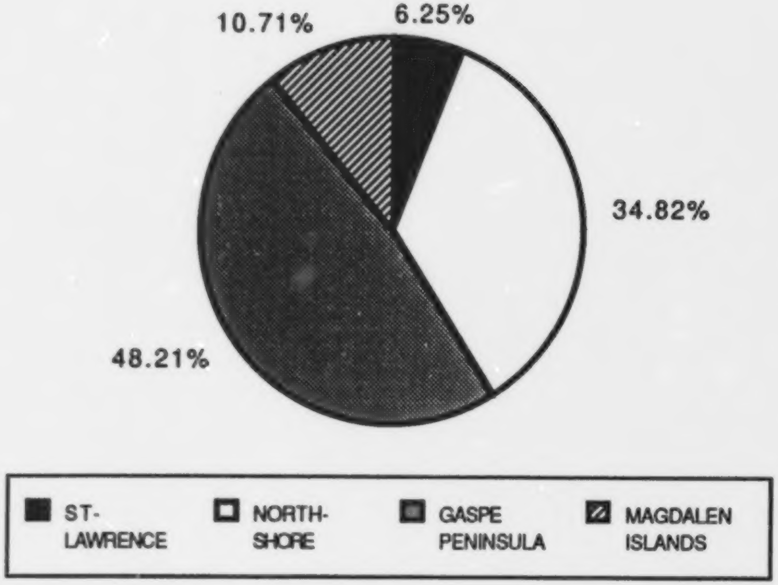
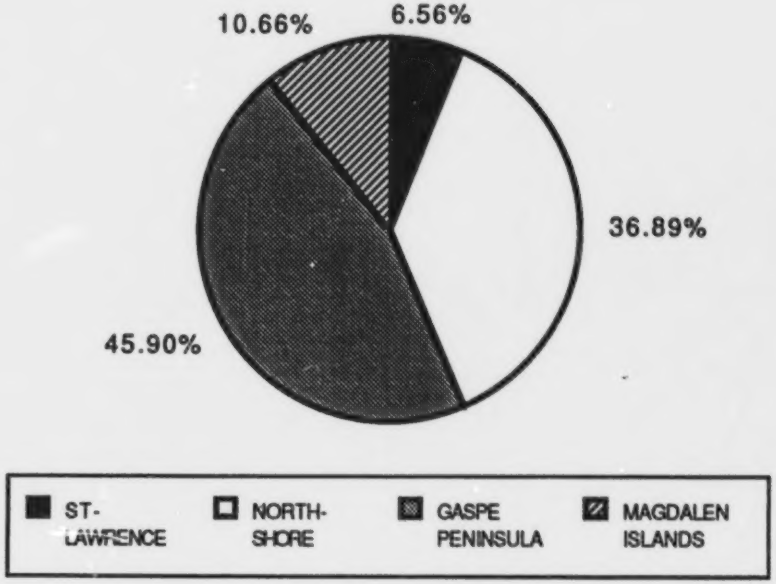


FIGURE 19

Sector-by-Sector Distribution of Buyers in 1986



Producers

The number of producers registered with the Department of Fisheries and Oceans rose from 78 in 1985 to 89 in 1986.

The most striking increase was noted on the North Shore, where the number of producers rose from 18 to 25, followed by the Gaspé Peninsula, with an increase of three, bringing the total to 34, and the Magdalen Islands, where there were eight producers in 1986, compared with seven in 1985.

The number of producers in the St. Lawrence remained unchanged at 22.

The Gaspé Peninsula ranked first in terms of the number of producers, followed by the St. Lawrence sector and the Magdalen Islands.

TABLE 4

REGISTERED PRODUCERS BY SECTOR
IN 1985 AND 1986

SECTOR	1985		1986		Variation in %
	Number by sector	% of the total	Number by sector	% of the total	
ST-LAWRENCE	22	28.2	22	24.7	-
NORTH-SHORE	18	23.1	25	28.1	38.9
GASPE PENINSULA	31	39.7	34	38.2	9.7
MAGDALEN ISLANDS	7	9.0	8	9.0	14.3
TOTAL	78	100.0	89	100.0	14.1

FIGURE 20

Sector-by-Sector Distribution of Registered Producers in 1985

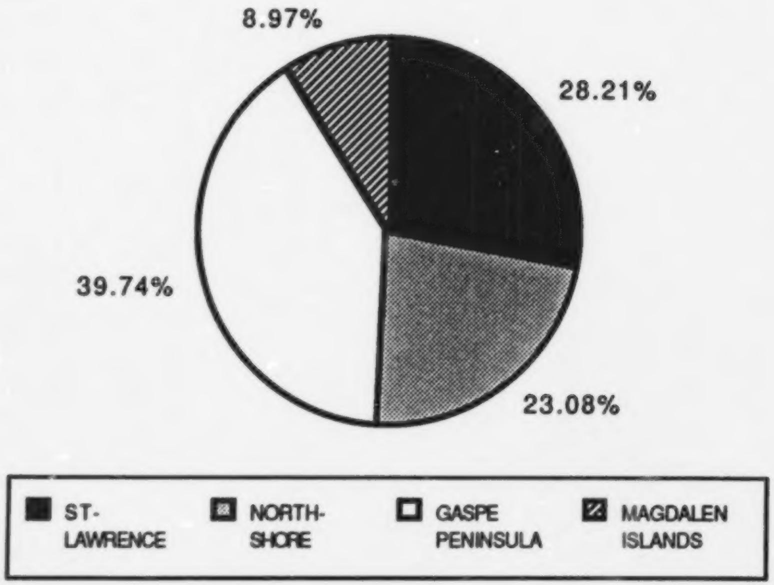
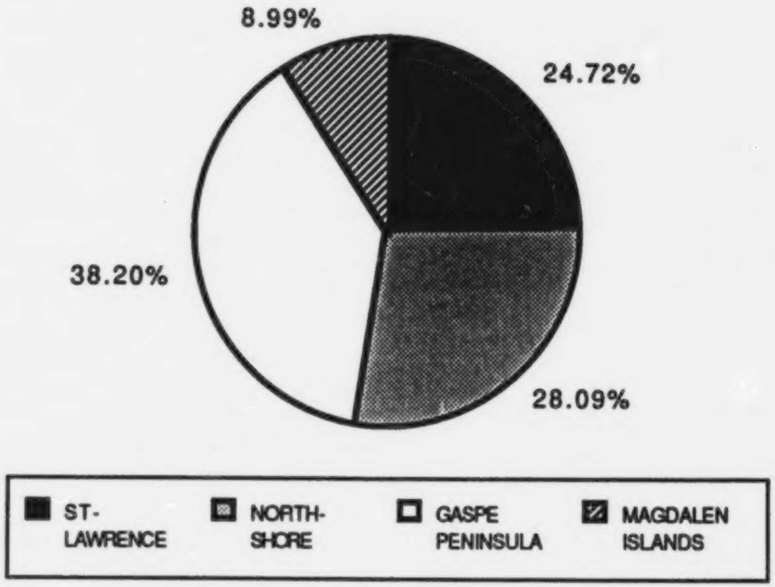


FIGURE 21

Sector-by-Sector Distribution of Registered Producers in 1986



ACCESS TO RESOURCES

Access to resources

The issuing of licences and the setting of quotas are two essential methods the Department of Fisheries and Oceans uses to ensure the rational management of fisheries resources for which it is responsible.

Fishing licences control access to various fish stocks, while quotas establish the maximum quantities of fish resources that may be harvested.

However, the Quebec government issues fishing licences covering anadromous and catadromous species such as salmon, eel, smelt and so on.

Fewer fishing licences issued in 1986

In 1986, the Department of Fisheries and Oceans issued 6 768 licences, including 92 for recreational scallop fishing. In 1985, 6 948 commercial licences were issued, which is 4% more than in 1986, when the number totalled 6 676. The vast majority of licences covered boats under 35 feet in length, a category which accounted for more than 73% of the licences issued (4 916).

Some 1 291 licences (19%) were issued for boats between 35 feet and 44 feet 11 inches, 520 for those between 45 feet and 64 feet 11 inches, 30 for those between 65 feet and 99 feet 11 inches, and 11 for vessels over 100 feet in length.

In terms of species, the fishing licences issued for pelagic species ranked first and accounted for 55% of the total; the greatest number of licences (1 850) was issued for bait fish. Licences for herring accounted for 20% of the total in Quebec; 1 616 licences covering groundfish were issued, or 24% of the total.

Molluscs and crustaceans accounted for 19% of the licences issued in Quebec, for a total of 1 289 licences. In the latter category, licences for lobsters (648) clearly ranked first, followed by whelks (250) and crabs (177).

Some 4 847 licences were issued for gillnet and trawl fishing, which represents a large share of the total (licences for fixed gear related to groundfish cover gillnets and trawls); licences for pots totalled 1 075.

The greatest number of licences (2 776) was issued on the North Shore, followed by the Gaspé Peninsula (2 665) and the Magadalen Islands (1 327).

Trends noted for Quebec as a whole prevailed, by and large, in each of the maritime regions, although a number of details warrant examination.

The highest proportion of licences issued for fishing boats under 35 feet in length, i.e. 80%, was noted on the North Shore, where the most licences for groundfish (839), crabs (119), whelks (146) and scallops (135) were also issued.

The North Shore is the only region in which licences for seals were issued (174). It is also interesting to note that the North Shore accounted for the greatest number of licences for molluscs and crustaceans (501), a 26% increase over 1985.

The issuing of licences in the Gaspé Peninsula reflected the region's importance in terms of fishing. Licences issued for boats between 35 feet and 64 feet 11 inches in length accounted for 12% of the total in Quebec, which is the highest proportion in any sector.

Moreover, the Gaspé Peninsula accounted for the greatest number of licences issued for bait fish (764), herring, mackerel and bluefin tuna. It also accounted for the largest proportion of licences for pelagic species (45% of the total), compared with 34% for the North Shore and 21% for the Magdalen Islands. Some 2 079 licences for gillnet and trawl fishing were issued in the Gaspé Peninsula, the largest number in any sector in Quebec.

Of the 1 327 licences issued in the Magdalen Islands, 25% were for lobster. Moreover, the Magdalen Islands accounted for the largest number of licences issued for lobster fishing. Licences for bait fish ranked first (27%), followed by lobster (25%) and herring (23%).

TABLE 5

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED
IN 1985-86, BY SECTOR FOR PARTICULAR SPECIES

SECTOR	YEAR	SPECIES													
		Ground-fish	Var. In %	Herring	Var. In %	Shrimp	Var. In %	Snow Crabs	Var. In %	Lobsters	Var. In %	Other	Var. In %	TOTAL	Var. In %
GASPE PENINSULA	1985	625	-4	618	-6	39	5	48	2	224	1	1,263	-8	2,817	-5
	1986	602		579		41		49		226		1,168		2,665	
NORTH-SHORE	1985	857	-2	502	-8	7	-	119	-	91	3	1,215	-4	2,791	-4
	1986	839		461		7		119		94		1,164		2,684	
MAGDALEN ISLANDS	1985	179	-2	308	-2	1	-	9	-	328	-	515	-	1,340	-1
	1986	175		302		-		9		328		513		1,327	
TOTAL	1985	1,661	-3	1,428	-6	47	2	176	1	643	1	2,993	-5	6,948	-4
	1986	1,616		1,342		49		177		648		2,845		6,676	

FIGURE 22

1985-86 Commercial Fishing
Licences Distribution
- Gaspe Peninsula

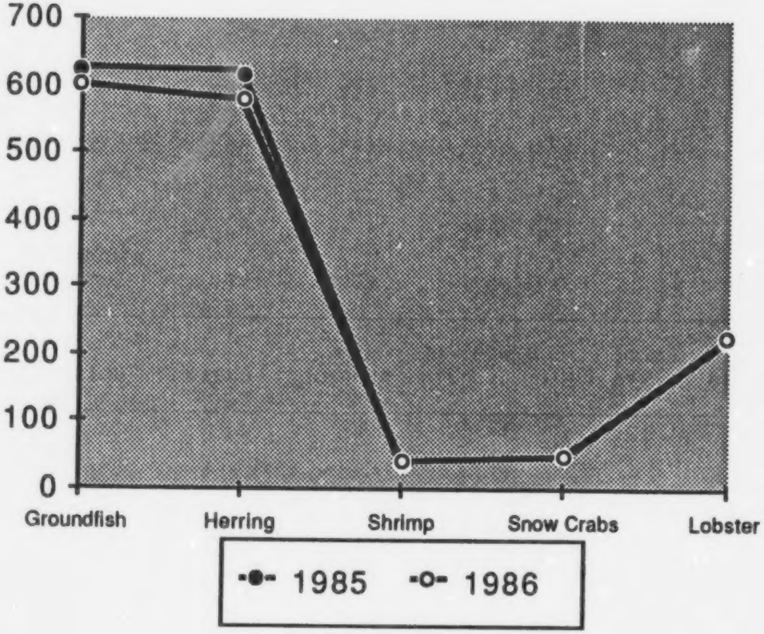


FIGURE 23

1985-86 Commercial Fishing
Licences Distribution
- North-Shore

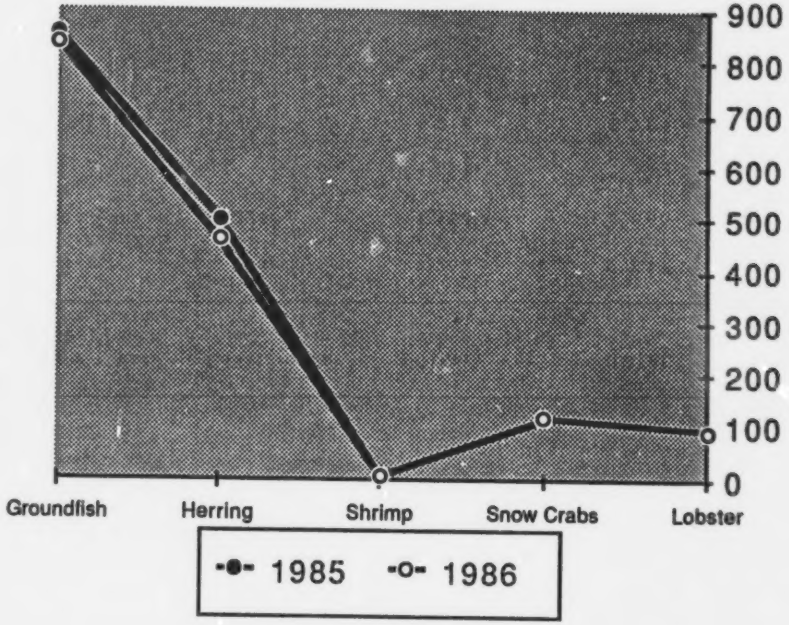


FIGURE 24

1985-86 Commercial Fishing Licences Distribution - Magdalen Islands

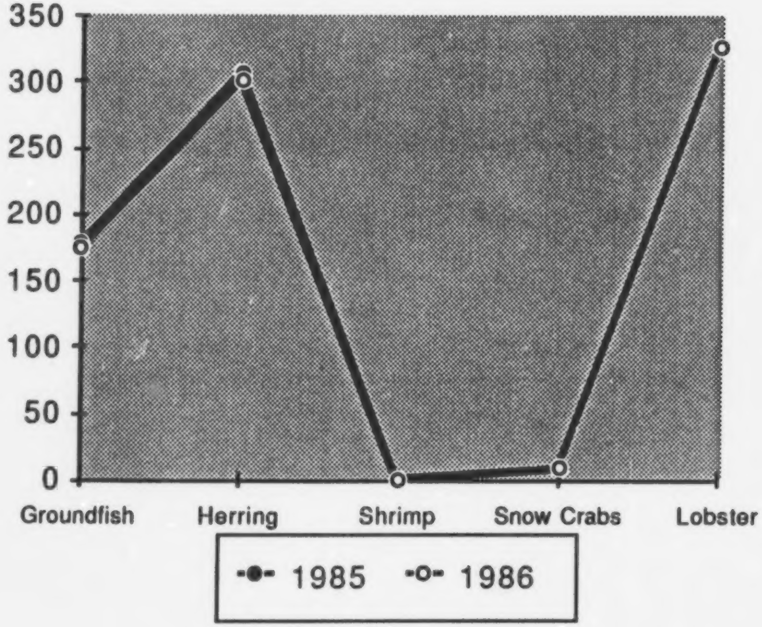


FIGURE 25

1985-86 Commercial Fishing Licences Distribution - Quebec Region

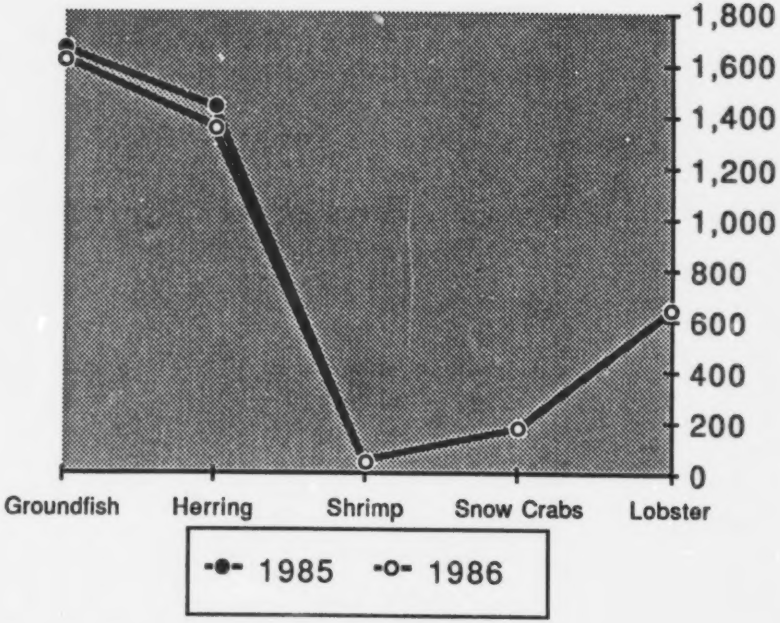


TABLE 6

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN QUEBEC IN 1986 FOR THE PRINCIPAL SPECIES

SPECIES/TYPE OF GEAR	0-34'11"	35'-44'11"	45'-64'11"	65'-99'11"	>100'	TOTAL
GROUNDFISH						
Beach seine	2	-	-	-	-	2
Trapnet	219	7	1	-	-	227
Fixed gear	911	238	86	-	-	1,235
Mobile gear	-	38	91	15	8	152
	1,132	283	178	15	8	1,616
Pelagic species						
HERRING						
Beach seine	4	-	2	-	-	6
Trapnet	18	4	-	-	-	22
Gillnet	1,011	230	72	-	-	1,313
Purse seine	-	-	-	-	1	1
	1,033	234	74	-	1	1,342
MACKEREL						
Beach seine	2	2	1	-	-	5
Gillnet	295	85	20	-	-	400
	297	87	21	-	-	405
CAPELIN						
Beach seine	12	-	-	-	-	12
Gillnet	1	-	-	-	-	1
	13	-	-	-	-	13
BLUEFIN TUNA						
Troll line	23	22	5	-	-	50
	23	22	5	-	-	50
BAIT FISH						
Beach seine	7	-	-	-	-	7
Gillnet	1,390	331	121	1	-	1,843
Trawling	-	-	-	-	-	-
	1,397	331	121	1	-	1,850
OTHER SPECIES, UNSPECIFIED						
Trapnet	15	-	-	-	-	15
Weir	12	-	-	-	-	12
Draggers (hydraulic pump)	2	-	-	-	-	2
	29	-	-	-	-	29

TABLE 6 (continued)

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN QUEBEC IN 1986 FOR THE PRINCIPAL SPECIES

SPECIES/TYPE OF GEAR	0-34'11"	35'-44'11"	45'-64'11"	65'-99'11"	>100'	TOTAL
Molluscs and crustaceans						
SCALLOPS						
Draggers	23	42	9	-	-	74
Manual draggers	92	-	-	-	-	92
	115	42	9	-	-	166
WHELKS						
Pots	194	47	9	-	-	250
	194	47	9	-	-	250
LOBSTER						
Pots	515	130	3	-	-	648
	515	130	3	-	-	648
SHRIMP						
Trawling	-	-	34	12	2	48
	-	-	34	12	2	48
CRAB						
Inshore, pots	8	102	20	-	-	130
Midshore, pots	-	3	42	2	-	47
	8	105	62	2	-	177
Marine mammal						
SEAL[1]						
Gillnet	49	5	1	-	-	55
Shoal net	111	5	3	-	-	119
	160	10	4	-	-	174
TOTAL	4,916	1,291	520	30	11	6,768[2]

[1] Licences issued in respect of this species are fishing licences, not hunting licences.

[2] This total includes recreational scallop fishing licences; if the 92 licences are deducted from the overall total of 6 768 licences, the resulting figure (6 676) is the same as in Table 5.

TABLE 7

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE GASPE PENINSULA IN 1986 FOR THE PRINCIPAL SPECIES

SPECIES/TYPE OF GEAR	0-34'11"	35'-44'11"	45'-64'11"	65'-99'11"	>100'	TOTAL
GROUNDFISH						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Fixed gear	326	106	68	-	-	500
Mobile gear	-	12	76	12	2	102
	326	118	144	12	2	602
Pelagic species						
HERRING						
Beach seine	3	-	1	-	-	4
Trapnet	1	-	-	-	-	1
Gillnet	434	87	52	-	-	573
Purse seine	-	-	-	-	1	1
	438	87	53	-	1	579
MACKEREL						
Beach seine	-	-	-	-	-	-
Gillnet	189	35	18	-	-	242
	189	35	18	-	-	242
CAPELIN						
Beach seine	-	-	-	-	-	-
Gillnet	-	-	-	-	-	-
	-	-	-	-	-	-
BLUEFIN TUNA						
Troll line	23	21	5	-	-	49
	23	21	5	-	-	49
BAIT FISH						
Beach seine	-	-	-	-	-	-
Gillnet	550	121	92	1	-	764
Trawling	-	-	-	-	-	-
	550	121	92	1	-	764
OTHER SPECIES, UNSPECIFIED						
Trapnet	4	-	-	-	-	4
Weir	1	-	-	-	-	1
Draggers (hydraulic pump)	-	-	-	-	-	-
	5	-	-	-	-	5

TABLE 7 (continued)

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE GASPE PENINSULA IN 1986 FOR THE PRINCIPAL SPECIES

SPECIES/TYPE OF GEAR	0-34'11"	35'-44'11"	45'-64'11"	65'-99'11"	>100'	TOTAL
Molluscs and crustaceans						
SCALLOPS						
Draggers	-	6	2	-	-	8
Manual draggers	-	-	-	-	-	-
	-	6	2	-	-	8
WHELKS						
Pots	74	22	4	-	-	100
	74	22	4	-	-	100
LOBSTER						
Pots	197	28	1	-	-	226
	197	28	1	-	-	226
SHRIMP						
Trawling	-	-	29	10	2	41
	-	-	29	10	2	41
CRAB						
Inshore, pots	-	7	4	-	-	11
Midshore, pots	-	3	34	1	-	38
	-	10	38	1	-	49
Marine mammal						
SEAL[1]						
Gillnet	-	-	-	-	-	-
Shoal net	-	-	-	-	-	-
	-	-	-	-	-	-
TOTAL	1,802	448	386	24	5	2,665

---

[1] Licences issued in respect of this species are fishing licences, not hunting licences.

TABLE 8

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED ON THE NORTH SHORE IN 1986 FOR THE PRINCIPAL SPECIES

SPECIES/TYPE OF GEAR	0-34'11"	35'-44'11"	45'-64'11"	65'-99'11"	>100'	TOTAL
GROUNDFISH						
Beach seine	2	-	-	-	-	2
Trapnet	219	7	1	-	-	227
Fixed gear	473	105	15	-	-	593
Mobile gear	-	7	8	2	-	17
	694	119	24	2	-	839
Pelagic species						
HERRING						
Beach seine	-	-	-	-	-	-
Trapnet	8	-	-	-	-	8
Gillnet	378	63	12	-	-	453
Purse seine	-	-	-	-	-	-
	386	63	12	-	-	461
MACKEREL						
Beach seine	1	-	-	-	-	1
Gillnet	22	15	2	-	-	39
	23	15	2	-	-	40
CAPELIN						
Beach seine	12	-	-	-	-	12
Gillnet	1	-	-	-	-	1
	13	-	-	-	-	13
BLUEFIN TUNA						
Troll line	-	-	-	-	-	-
	-	-	-	-	-	-
BAIT FISH						
Beach seine	7	-	-	-	-	7
Gillnet	590	110	19	-	-	719
Trawlin	-	-	-	-	-	-
	597	110	19	-	-	726
OTHER SPECIES, UNSPECIFIED						
Trapnet	11	-	-	-	-	11
Weir	11	-	-	-	-	11
Draggers (hydraulic pump)	-	-	-	-	-	-
	22	-	-	-	-	22

TABLE 8 (continued)

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE GASPE PENINSULA IN 1986 FOR THE PRINCIPAL SPECIES

SPECIES/TYPE OF GEAR	0-34'11"	35'-44'11"	45'-64'11"	65'-99'11"	>100'	TOTAL
Molluscs and crustaceans						
SCALLOPS						
Draggers	22	16	5	-	-	43
Manual draggers	92	-	-	-	-	92
	114	16	5	-	-	135
WHELKS						
Pots	117	24	5	-	-	146
	117	24	5	-	-	146
LOBSTER						
Pots	90	4	-	-	-	94
	90	4	-	-	-	94
SHRIMP						
Trawling	-	-	5	2	-	7
	-	-	5	2	-	7
CRAB						
Inshore, pots	8	95	16	-	-	119
Midshore, pots	-	-	-	-	-	-
	8	95	16	-	-	119
Marine mammal						
SEAL[1]						
Gillnet	49	5	1	-	-	55
Shoal net	111	5	3	-	-	119
	160	10	4	-	-	174
TOTAL	2,224	456	92	4	-	2,776

---

[1] Licences issued in respect of this species are fishing licences, not hunting licences.

TABLE 9

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE MAGDALEN ISLANDS IN 1986 FOR THE PRINCIPAL SPECIES

SPECIES/TYPE OF GEAR	0-34'11"	35'-44'11"	45'-64'11"	65'-99'11"	>100'	TOTAL
GROUNDFISH						
Beach seine	-	-	-	-	-	-
Trapnet	-	-	-	-	-	-
Fixed gear	112	27	3	-	-	142
Mobile gear	-	19	7	1	6	33
	112	46	10	1	6	175
Pelagic species						
HERRING						
Beach seine	1	-	1	-	-	2
Trapnet	9	4	-	-	-	13
Gillnet	199	80	8	-	-	287
Purse seine	-	-	-	-	-	-
	209	84	9	-	-	302
MACKEREL						
Beach seine	1	2	1	-	-	4
Gillnet	84	35	-	-	-	119
	85	37	1	-	-	123
CAPELIN						
Beach seine	-	-	-	-	-	-
Gillnet	-	-	-	-	-	-
	-	-	-	-	-	-
BLUEFIN TUNA						
Troll line	-	1	-	-	-	1
	-	1	-	-	-	1
BAIT FISH						
Beach seine	-	-	-	-	-	-
Gillnet	250	100	10	-	-	360
Trawling	-	-	-	-	-	-
	250	100	10	-	-	360
OTHER SPECIES, UNSPECIFIED						
Trapnet	-	-	-	-	-	-
Weir	-	-	-	-	-	-
Draggers (hydraulic pump)	2	-	-	-	-	2
	2	-	-	-	-	2

TABLE 9 (continued)

NUMBER OF COMMERCIAL FISHING LICENCES ISSUED IN THE MAGDALEN ISLANDS IN 1986 FOR THE PRINCIPAL SPECIES

SPECIES/TYPE OF GEAR	0-34'11"	35'-44'11"	45'-64'11"	65'-99'11"	>100'	TOTAL
Molluscs and crustaceans						
SCALLOPS						
Draggers	1	20	2	-	-	23
Manual draggers	-	-	-	-	-	-
	1	20	2	-	-	23
WHELKS						
Pots	3	1	-	-	-	4
	3	1	-	-	-	4
LOBSTER						
Pots	228	98	2	-	-	328
	228	98	2	-	-	328
SHRIMP						
Trawling	-	-	-	-	-	-
	-	-	-	-	-	-
CRAB						
Inshore, pots	-	-	-	-	-	-
Midshore, pots	-	-	8	1	-	9
	-	-	8	1	-	9
Marine mammal						
SEAL[1]						
Gillnet	-	-	-	-	-	-
Shoal net	-	-	-	-	-	-
	-	-	-	-	-	-
TOTAL	890	387	42	2	6	1,327

---

[1] Licences issued in respect of this species are fishing licences, not hunting licences.

Fishing quotas - 1986 season

In 1984, 44% of all landings of cod originated from divisions 4T and 4S, while 56% originated from division 4T. Generally speaking, landings of cod declined in divisions 4R and 4S for all fleets, thus maintaining a trend noted in 1985. The drop was especially marked with respect to fixed-gear landings, which fell by 40%. In division 4T, fixed-gear landings fell slightly by 11%, while mobile-gear landings declined by 25%, due to large catches in the spring in Nova Scotia.

The closing of fishing, from March 24 to April 13, and from October 13 to December 31, in divisions 4R and 4S affected mobile-gear boats under 65 feet in length fishing solely for groundfish. In division 4T, mobile-gear boats under 100 feet in length had to suspend activities on three occasions, from July 20 to September 7, from October 13 to November 9, and from November 20 to December 31. Such closings were made necessary because various quotas were reached prematurely, as a result of a marked upswing in fishing, despite numerous transfers of quotas from fixed-gear boats to mobile-gear boats. In 4RS-3Pn, shrimp trawlers reached their quotas of cod prematurely, and fishing ended on October 25.

Landings of ocean perch were up 3% in 1986; mobile-gear boats over 100 feet in length accounted for 88% of landings in 1986. Mobile-gear boats under 100 feet accounted for the rest of the catch, aside from a very small quantity (less than 1%) landed by fixed-gear boats.

With respect to other groundfish species, a slight upturn (9%) in landings of American plaice was noted, attributable to improved performance by mobile-gear boats under 65 feet for the second consecutive year, especially because of numerous closings for cod. Another striking feature is that landings of Greenland halibut more than triped in 1986, due to spectacularly improved performance by fixed-gear boats, whose catches nearly quadrupled in relation to 1985. This phenomenon, in turn, can be explained in part by the excellent market conditions which prevailed in 1986.

In 1986, general herring quotas were granted in division 4T, contrary to 1985, when the quotas were set by the provincial government. Nonetheless, landings of spring herring rose by 9%, and landings of fall herring increased by 11% in relation to 1985.

Landings of shrimp from the Gulf. of St. Lawrence rose by 5% in 1986. Landings from the North Anticosti bank accounted for 33% of the total, while those from the Sept-Îles shelf accounted for 58%. Fishing was closed on July 25 in Sept-Îles, on October 25 on the banks of North Anticosti and South Anticosti, and on November 20 in the Estuary.

In 1986, the snow crab quota was not reached for the first time. Quebec's share of landings increased slightly, from 35% in 1985 to 38% in 1986. All told, 24 727 m.t. of snow crabs were caught.

TABLE 10

FISHING QUOTAS APPLICABLE IN QUEBEC - 1986 SEASON

SPECIES	DIVISION[1]	TYPE OF FISHING GEAR AND CATEGORY OF BOAT	PERIOD	QUOTA	CATCH LANDED IN QUEBEC (M.T.)	TOTAL CATCH UNDER THIS QUOTA	% OF CATCH UNDER THIS QUOTA IN QUEBEC
Cod	4RS 3Pn	Fixed gear, boats under 65 feet in length	January 1 - September 30	32,000	6,769	24,724	27.4
			October 1 - December 31	2,000	724	2,024	35.8
		Mobile gear, boats under 65 feet in length	January 1 - April 30	1,000	-	1,077	S/O
			May 1 - December 31	4,850	4,526	4,701	96.3
		Mobile gear, boats under 65 feet in length, incidental catches by shrimp trawlers	January 1 - December 31	1,500	1,644	1,710	96.1
		Mobile gear, boats under 65 feet in length (enterprise allocation)	January 1 - December 31	27,850	150	26,621	0.6
		Mobile gear, boats between 65 and 100 feet in length	January 1 - December 31	1,700	808	1,675	48.2
		Mobile gear, boats between 65 and 100 feet in length, incidental catches by shrimp trawlers	January 1 - December 31	1,400	518	1,567	33.1
Cod	4T	Fixed gear, boats under 65 feet in length	April 1 - June 10	1,543	1,146	1,440	79.6

TABLE 10 (continued)

FISHING QUOTAS APPLICABLE IN QUEBEC - 1986 SEASON

SPECIES	DIVISION[1]	TYPE OF FISHING GEAR AND CATEGORY OF BOAT	PERIOD	QUOTA	CATCH LANDED IN QUEBEC (M.T.)	TOTAL CATCH UNDER THIS QUOTA	% OF CATCH UNDER THIS QUOTA IN QUEBEC
Cod	4T		June 11 - November 4	8,517	5,080	7,718	65.8
			November 5 - December 31	440	46	603	7.6
		Mobile gear, boats under 100 feet in length	January 1 - September 7	28,158	8,716	30,198	28.9
			September 8 - November 9	3,000	3,130	4,402	71.1
			November 10 - December 31	2,650	513	3,501	14.7
TOTAL				116,608	33,770	111,961	30.2
Ocean perch	4RST	Fixed gear, boats under 65 feet in length	January 1 - December 31	300	77	99	77.8
		Mobile gear, boats under 100 feet in length	January 1 - December 31	10,700	699	4,288	16.3
		Mobile gear, boats under 100 feet in length, incidental catches	January 1 - December 31	1,500	408	938	43.5
		Mobile gear, boats over 100 feet in length	January 1 - December 31	42,500	8,355	28,753	29.1
TOTAL				55,000	9,539	34,078	28.0

TABLE 10 (continued)

FISHING QUOTAS APPLICABLE IN QUEBEC - 1986 SEASON

SPECIES	DIVISION[1]	TYPE OF FISHING GEAR AND CATEGORY OF BOAT	PERIOD	QUOTA	CATCH LANDED IN QUEBEC (M.T.)	TOTAL CATCH UNDER THIS QUOTA	% OF CATCH UNDER THIS QUOTA IN QUEBEC
American plaice	4T	Fixed gear, boats under 65 feet in length	January 1 - December 31	1,500	528	1,071	49.3
		Mobile gear, boats under 65 feet in length	January 1 - December 31	8,000	1,914	6,060	31.6
		Mobile gear, boats between 65 and 100 feet in length	January 1 - December 31	500	97	306	31.7
TOTAL				10,000	2,539	7,437	34.1
Witch flounder	4RS	Fixed gear, boats under 65 feet in length	January 1 - December 31	100	1	5	20.0
		Mobile gear, boats under 65 feet in length	January 1 - December 31	1,300	15	630	2.4
		Mobile gear, boats between 65 and 100 feet in length	January 1 - December 31	100	1	94	1.1
TOTAL				1,500	17	729	2.3
White hake	4T	All types of gear, boats under 50 feet in length	January 1 - December 31	10,800	334	4,386	7.6
		All types of gear, boats between 50 and 65 feet in length	January 1 - December 31	1,100	111	471	23.6

TABLE 10 (continued)

FISHING QUOTAS APPLICABLE IN QUEBEC - 1986 SEASON

SPECIES	DIVISION[1]	TYPE OF FISHING GEAR AND CATEGORY OF BOAT	PERIOD	QUOTA	CATCH LANDED IN QUEBEC (M.T.)	TOTAL CATCH UNDER THIS QUOTA	% OF CATCH UNDER THIS QUOTA IN QUEBEC
White hake	4T	All types of gear, boats over 65 feet in length (incidental catches)	January 1 - December 31	100	1	3	33.3
TOTAL				12,000	446	4,860	9.2
Greenland halibut	4RST	Fixed gear, boats under 65 feet in length	January 1 - December 31	3,500	5,004	5,019	99.7
		Mobile gear, boats under 65 feet in length	January 1 - December 31	700	893	908	98.3
		Mobile gear, boats between 65 and 100 feet in length	January 1 - December 31	700	330	537	61.5
TOTAL				4,900	6,227	6,464	96.3
Herring	4S	Fixed gear	January 1 - December 31	1,000	420	420	100.0
Herring	4T	Fixed gear, boats under 65 feet in length	Spring January 1 - May 21	4,000	346	6,023	5.7
			May 22 - May 31	2,200	305	1,265	24.1
			June 1 - June 30	1,000	307	618	49.7

TABLE 10 (continued)

FISHING QUOTAS APPLICABLE IN QUEBEC - 1986 SEASON

SPECIES	DIVISION[1]	TYPE OF FISHING GEAR AND CATEGORY OF BOAT	PERIOD	QUOTA	CATCH LANDED IN QUEBEC (M.T.)	TOTAL CATCH UNDER THIS QUOTA	% OF CATCH UNDER THIS QUOTA IN QUEBEC
Herring	4T		Fall	27,500	2,168	39,890	5.4
TOTAL				35,700	3,546	48,216	7.4
Bluefin tuna	4T	Quebec fishermen	August 1 - December 31	83[3]	5[3]	5[3]	100.0
Shrimp	Sept-Iles	Mobile gear, boats under 100 feet in legnth	April 8 - December 31	3,900	3,713	3,982	93.2
	North Anticosti	Mobile gear, boats under 100 feet in length	January 1 - December 31	3,500	2,120	3,241	65.4
	South Anticosti	Mobile gear, boats under 100 feet in length	January 1 - December 31	700	299	333	89.8
	Esquiman	Mobile gear, boats under 100 feet in length	January 1 - December 31	3,500	2	1,655	0.1
	Estuary	Mobile gear, boats under 100 feet in length	January 1 - December 31	500	263	263	100.0
TOTAL				12,100	6,397	9,474	67.5

TABLE 10 (continued)

FISHING QUOTAS APPLICABLE IN QUEBEC - 1986 SEASON

SPECIES	DIVISION[1]	TYPE OF FISHING GEAR AND CATEGORY OF BOAT	PERIOD	QUOTA	CATCH LANDED IN QUEBEC (M.T.)	TOTAL CATCH UNDER THIS QUOTA	% OF CATCH UNDER THIS QUOTA IN QUEBEC
Snow crab	4T	Midshore fleet	April 12 - June 20	26,000	9,391	24,727	38.0
	Zone 16	Inshore fleet	April 7 - December 31	2,500[2]	2,301	2,301	100.0
	Zone 13	Inshore fleet, joint Quebec/Newfoundland zone	July 22 - December 31	2,107	1,544	1,677	92.1
TOTAL				30,607	13,236	28,705	46.1

---

[1] Refers to the divisions of NAFO (North-West Atlantic Fisheries Organization), except in the case of shrimp, for which references are to management areas established by the Department of Fisheries and Oceans.

[2] This quota is set for Quebec fishermen.

[3] This quota is set for Quebec fishermen, and the accounting unit is the number of fish.

LANDINGS

IN QUEBEC

Landings in Quebec

Landings of marine products in Quebec in 1986 totalled 89 970 m.t., worth $85.9 million.

In 1986, landings of groundfish totalled 55 865 m.t. and accounted for 62% of all landings, an indication of this group's importance.

In 1985, landings of groundfish accounted for 64% of the total, 2% more than in 1986. In 1986, such landings were worth $28 million, or 33% of the total value of Quebec landings. However, while the overall volume of groundfish landed increased by 2% in relation to 1985, the value of such landings rose by 18%.

Landings of cod ranked first among various groundfish species; in 1986, this species accounted for 61% of groundfish catches, by volume, and 38% of total landings in Quebec. In 1985, landings of cod accounted for 73% of groundfish catches, and 46% of the total volume of landings.

In 1985, cod accounted for 77% of the landed value of groundfish, and 27% of all landings in Quebec. In 1986, these percentages fell: the species accounted for 61% of the landed value of groundfish, and 20% of overall value.

With regard to groundfish, it is worth noting that the volume and value of landings of winter flounder and Greenland halibut increased.

Landings of winter flounder jumped 580%, from 65 m.t. in 1985 to 442 m.t. in 1986. Similarly, the associated value of such landings rose from $40 000 in 1985 to $269 000 in 1986. Although increases in landings of Greenland halibut were less spectacular, they are noteworthy. They rose from 2 018 m.t. in 1985 to 6 241 m.t. in 1986, a 209% increase. Landed values climbed even more markedly, from $1.3 million to $5 million, a 291% increase.

The volume of landings of pelagic and estuarine species reached 7 625 m.t. in 1986, a 19% increase over 1985. The value of these landings totalled $4.2 million in 1986, compared with $3.6 million in 1985. Landings of herring accounted for slightly more than half of catches in this category of species, while the associated value accounted for only 24% of pelagic and estuarine species overall. Of all the pelagic species, mackerel recorded the biggest increases in terms of volume and landed value, i.e. 38% and 31%, respectively.

Landings of molluscs and crustaceans once again had the highest associated value: in 1986, it totalled $53.6 million, more than 62% of the overall value of landings effected in Quebec. Landed value in 1986 increased by 33% in relation to 1985; the variation attributable to the volume of landings was negative and almost nil. Indeed, the volume of landings in 1985 and 1986 was fairly stable.

Snow crabs clearly predominated with regard to landings of molluscs and crustaceans by volume and value; they accounted for 55% of the quantities landed and nearly 49% of their value. The associated value of landings of snow crabs accounted for 30% of the total for Quebec as a whole, while the volume of landings accounted for 16% of the total.

Scallops, whelks, lobster and shrimp are also noteworthy; increases in terms of volume and value were recorded with respect to all of these species, with the exception of scallops.

Landings of lobster increased 6% by volume and 19% in terms of value in relation to 1985, for a total of 2 268 m.t., worth more than $13.6 million.

The landed value of shrimp totalled $11.5 million in 1986, a 31% increase over 1985, when the figure was $8.8 million. The volume of landings rose slightly, from 6 539 m.t. in 1985 to 6 689 m.t. in 1986.

Whelks accounted for only 2% of landings of molluscs and crustaceans in 1986, although catches totalled 652 m.t., or 308% more than in 1985 (160 m.t.). The associated value of these landings rose from $63 000 in 1985 to $196 000 in 1986, a 211% increase.

Landings of scallops dropped quite significantly; in relation to 1985, the volume and value of landings fell by 10% and 14%, respectively.

Landings of soft shell clams totalled 820 m.t. in 1986, and had an associated value of $615 000.

TABLE 11

QUEBEC'S LANDINGS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

	1985		1986		Var. in %	
SPECIES	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
Cod	41,865	18,319	34,274	17,169	-18.1	-6.3
Haddock	22	15	97	78	340.9	420.0
Redfish	9,268	2,062	9,917	2,409	7.0	16.8
Atlantic Halibut	132	419	206	540	56.1	28.9
American Plaice	3,042	1,247	3,571	2,013	17.4	61.4
Greysole	357	296	481	445	34.7	50.3
Winter Flounder	65	40	442	269	N/A	N/A
Unspecified Flounders	3	1	-	-	N/A	N/A
Greenland Halibut	2,018	1,278	6,241	4,994	209.3	290.8
White Hake	346	70	470	96	35.8	37.1
Catfish	20	5	67	15	235.0	200.0
Other groundfish	158	80	100	52	-36.7	-35.0
Total groundfish	57,296	23,832	55,865	28,082	-2.5	17.8
Herring	3,342	878	3,860	1,027	15.5	17.0
Mackerel	2,178	643	3,004	840	37.9	30.6
Tuna, Bluefin	3	8	2	6	-33.3	-25.0
Eels	344	1,136	318	1,461	-7.6	28.6
Salmon	78	598	89	587	14.1	-1.8
Smelts	76	73	53	46	-30.3	-37.0
Capelin	345	72	227	47	-34.2	-34.7
Other pelagic and estuarian species	60	235	73	209	21.7	-11.1
Total pelagic and estuarian species	6,426	3,643	7,625	4,222	18.7	15.9
Soft Shell Clams	722	457	820	615	13.6	34.6
Quahaugs Clams	15	15	64	45	326.7	200.0
Mussels	5	5	15	27	200.0	440.0
Scallops	1,304	1,832	1,171	1,583	-10.2	-13.6
Winkles	160	63	652	196	307.5	211.1
Lobsters	2,137	11,433	2,268	13,569	6.1	18.7
Shrimp	6,539	8,764	6,689	11,463	2.3	30.8
Snow Crabs	15,301	17,495	14,761	26,057	-3.5	48.9
Other mollusc and crustacean	283	149	6	4	-97.9	-97.3
Total mollusc and crustacean	26,466	40,213	26,445	53,558	-0.1	33.2
Other items	1	1	35	42	N/A	N/A
Total	90,189	67,689	89,970	85,903	-0.2	26.9

FIGURE 26

1985-86 Quebec's Landings for Some Species

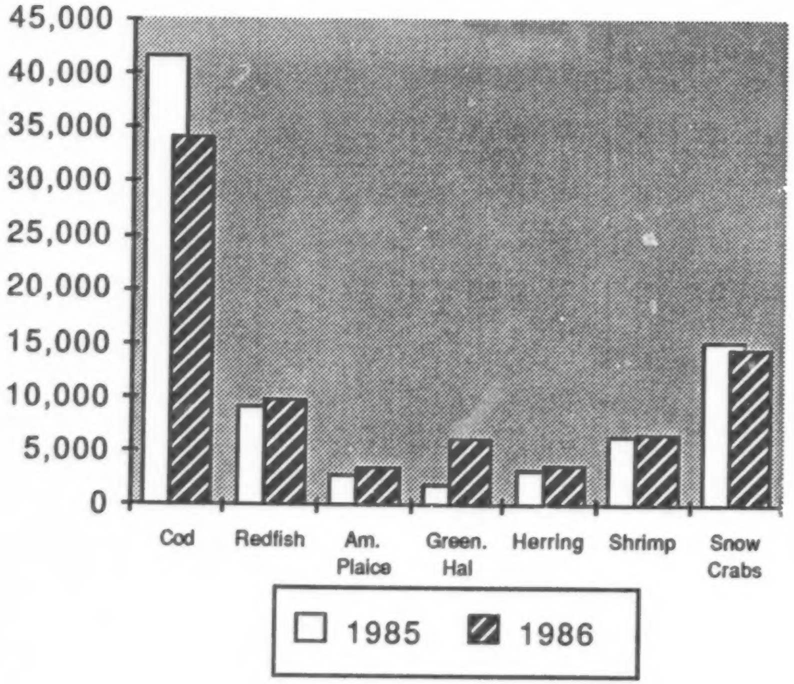


FIGURE 27

1985-86 Value of Quebec's Landings for Some Species

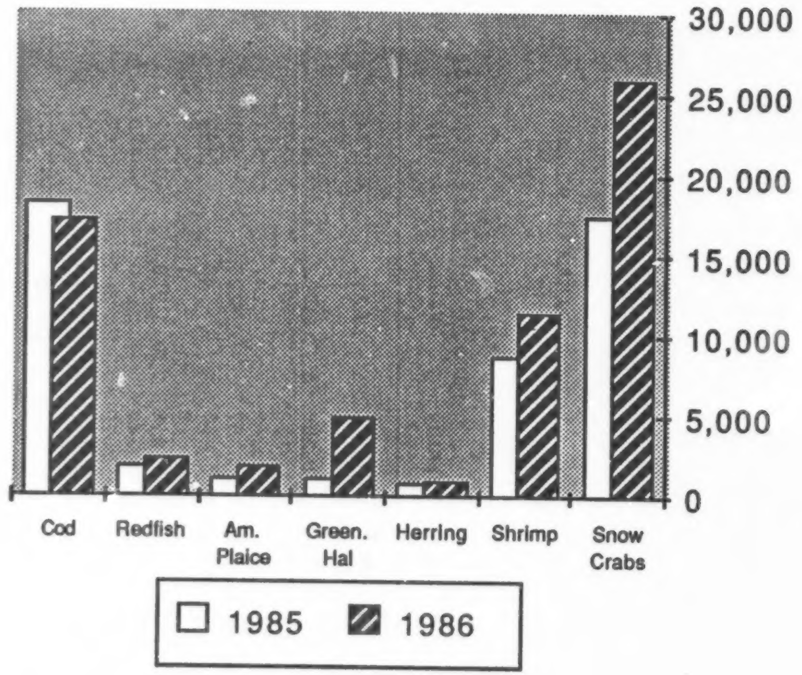


FIGURE 28

1985-86 Quebec's Landings by Species Group

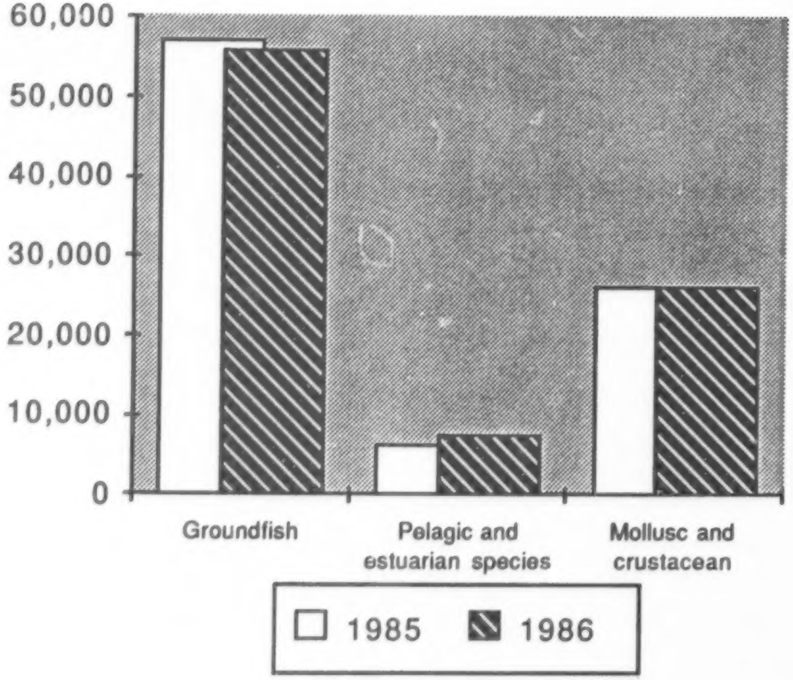
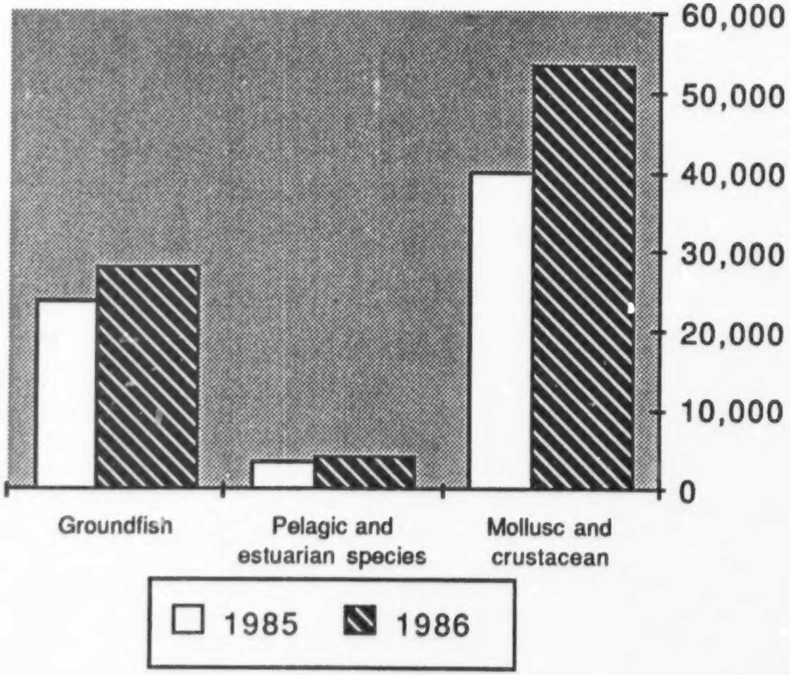


FIGURE 29

1985-86 Value of Quebec's Landings by Species Group



Landings by category of boat length

A new series of tables covering landings by species and by category of boat length in 1985 and 1986 provides information on the distribution of landings and their associated value for fleets defined by category of length. Data is given for Quebec as a whole and for each maritime sector.

The various tables reveal a number of striking facts. For example, landings by boats between 35 feet and 64 feet 11 inches in length accounted for 63% of the overall volume of landings, worth $56.1 million, or 65% of the total value of landings.

These figures for 1986 were essentially the same in 1985. The fleet of boats between 35 feet and 64 feet 11 inches in length ranked first with respect to landings of groundfish and molluscs and crustaceans, although vessels under 35 feet in length ranked first in terms of pelagic and estuarine species.

In 1986, landings by boats under 35 feet in length accounted for 21% of all landings and for 25% of the associated value.

An analysis of landings in 1985 indicates that the relative importance of the fleet of fishing boats between 35 feet and 64 feet 11 inches in length, compared with other categories of boats, remained essentially the same in 1986.

Fishing boats between 35 feet and 64 feet 11 inches accounted for 65% of the total volume of landings in 1985 and 66% of the associated value. The same category of boats ranked first in terms of landings of groundfish and molluscs and crustaceans. Boats under 35 feet in length headed the list in terms of landings of pelagic and estuarine species.

TABLE 11A

QUEBEC'S LANDINGS IN 1986

BY BOAT LENGTH

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	Less than 35' Quantity	Less than 35' Value	From 35' to 64'11" Quantity	From 35' to 64'11" Value	More than 65' Quantity	More than 65' Value	Total by species Quantity	Total by species Value
Cod	6,860	3,619	25,503	12,718	1,910	833	34,273	17,170
Haddock	7	6	90	73	*	*	97	79
Redfish	15	5	475	171	9,427	2,232	9,917	2,408
Atlantic Halibut	68	206	122	297	15	36	205	539
American Plaice	758	382	2,598	1,512	216	119	3,572	2,013
Greysole	3	2	474	441	4	3	481	446
Winter Flounder	161	102	281	167	-	-	442	269
Unspecified Flounders	-	-	-	-	-	-	-	-
Greenland Halibut	742	605	5,166	4,178	333	211	6,241	4,994
White Hake	149	28	319	69	1	*	469	97
Catfish	8	2	56	13	3	*	67	15
Other groundfish	18	10	71	41	12	1	101	52
Total groundfish	8,789	4,967	35,155	19,680	11,921	3,435	55,865	28,082
Herring	2,588	719	1,272	308	-	-	3,860	1,027
Mackerel	2,268	643	737	198	-	-	3,005	841
Tuna, Bluefin	*	1	1	4	-	-	1	5
Eels	318	1,461	-	-	-	-	318	1,461
Salmon	88	584	1	3	-	-	89	587
Smelts	53	46	-	-	-	-	53	46
Capelin	227	46	-	-	-	-	227	46
Other pelagic and estuarian species	69	207	3	2	-	-	72	209
Total pelagic and estuarian species	5,611	3,707	2,014	515	-	-	7,625	4,222
Soft Shell Clams	820	615	-	-	-	-	820	615
Quahaugs Clams	64	45	-	-	-	-	64	45
Mussels	15	27	-	-	-	-	15	27
Scallops	439	621	732	962	-	-	1,171	1,583
Winkles	581	172	70	24	-	-	651	196
Lobsters	1,670	10,037	598	3,532	-	-	2,268	13,569
Shrimp	22	38	4,412	7,549	2,255	3,877	6,689	11,464
Snow Crabs	656	1,178	13,547	23,856	558	1,022	14,761	26,056
Other mollusc and crustacean	6	3	*	*	-	-	6	3
Total mollusc and crustacean	4,273	12,736	19,359	35,923	2,813	4,899	26,445	53,558
Other items	31	36	4	5	-	-	35	41
Total	18,704	21,446	56,532	56,123	14,734	8,334	89,970	85,903

TABLE 11B

QUEBEC'S LANDINGS IN 1985

BY BOAT LENGTH

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	Less than 35' Quantity	Less than 35' Value	From 35' to 64'11" Quantity	From 35' to 64'11" Value	More than 65' Quantity	More than 65' Value	Total by species Quantity	Total by species Value
Cod	9,642	3,996	30,606	13,676	1,617	646	41,865	18,318
Haddock	1	1	21	14	*	*	22	15
Redfish	20	6	394	106	8,855	1,949	9,269	2,061
Atlantic Halibut	72	274	49	113	11	32	132	419
American Plaice	871	309	2,023	870	149	67	3,043	1,246
Greysole	3	1	353	295	1	*	357	296
Winter Flounder	6	7	59	34	-	-	65	41
Unspecified Flounders	*	*	2	1	-	-	2	1
Greenland Halibut	309	199	1,489	991	220	88	2,018	1,278
White Hake	109	21	236	49	-	-	345	70
Catfish	2	1	19	5	-	-	21	6
Other groundfish	5	3	151	78	-	-	156	81
Total groundfish	11,040	4,818	35,402	16,232	10,853	2,782	57,295	23,832
Herring	1,975	522	1,366	355	-	-	3,341	877
Mackerel	1,544	462	635	182	-	-	2,179	644
Tuna, Bluefin	1	2	2	6	-	-	3	8
Eels	344	1,136	-	-	-	-	344	1,136
Salmon	78	598	*	*	-	-	78	598
Smelts	76	73	-	-	-	-	76	73
Capelin	343	71	2	*	-	-	345	71
Other pelagic and estuarian species	57	232	4	3	-	-	61	235
Total pelagic and estuarian species	4,418	3,096	2,009	546	-	-	6,427	3,642
Soft Shell Clams	722	457	*	*	-	-	722	457
Quahaugs Clams	15	15	-	-	-	-	15	15
Mussels	5	5	-	-	-	-	5	5
Scallops	490	691	814	1,141	-	-	1,304	1,832
Winkles	147	58	14	5	-	-	161	63
Lobsters	1,620	8,690	517	2,743	-	-	2,137	11,433
Shrimp	21	33	4,048	5,499	-	-	4,069	5,532
Snow Crabs	537	668	13,961	15,952	-	-	14,498	16,620
Other mollusc and crustacean	282	150	-	-	-	-	282	150
Total mollusc and crustacean	3,839	10,767	19,354	25,340	-	-	23,193	36,107
Other items	*	*	1	1	-	-	1	1
Total	19,297	18,681	56,766	42,119	10,853	2,782	86,916	63,582

Monthly analysis of landings

The greatest number of landings occurred between May and September. Average monthly landings during these five months totalled 14 744 m.t., compared with an annual average of 7 498 m.t.

May was the busiest month in terms of landings (18 450 m.t.), followed by June (16 826 m.t.) and July (15 596 m.t.).

The cycle of landings of groundfish followed general trends. In June and July, volumes totalled 10 634 m.t. and 12 311 m.t., respectively, or 41% of all landings of groundfish. May and September are also important, and August and October, to a lesser extent. Landings of cod, ocean perch and Greenland halibut closely followed general trends.

Landings of pelagic and estuarine species were high in August and September, when they totalled 4 225 m.t., or 55% of total catches of these species. This trend is attributable to the concentration of landings of herring and mackerel in August and September.

The cycle of landings of molluscs and crustaceans was more concentrated in April, May and June, although the greatest volume of landings (7 868 m.t.) occurred in May. Snow crabs, shrimp and lobster all contributed to the peak in the volume of landings of molluscs and crustaceans in May.

Generally, a monthly analysis of the associated value reveals the same trends as those noted with respect to landings. Landed values were very high in May, June and July, and accounted for 60% of total value.

Molluscs and crustaceans accounted for 78% of landed value in May; groundfish accounted for 21%.

In April and May, molluscs and crustaceans accounted for 93% and 68%, respectively, of total value. Groundfish ranked first in terms of associated value for the months of July, September, October and November.

The highest associated value for pelagic and estuarine species ($1.1 million) was recorded in October.

TABLE 12

1986 MONTH-BY-MONTH LANDINGS IN QUEBEC BY SPECIES

TOTAL OF ALL ADMINISTRATIVES SECTORS - QUANTITY

(Quantity in rounded metric tons, live weight)

SPECIES	January	February	March	April	May	June
Cod	1	*	-	709	7,051	7,002
Haddock	-	-	-	*	14	17
Redfish	-	-	-	43	843	1,551
Atlantic Halibut	-	-	-	6	58	36
American Plaice	-	-	-	111	583	752
Greysole	-	-	-	2	37	115
Winter Flounder	-	-	-	-	13	38
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	-	207	1,035	1,041
White Hake	-	-	-	1	12	47
Catfish	-	-	-	2	13	18
Other groundfish	-	-	-	-	6	17
Total groundfish	1	*	-	1,081	9,665	10,634
Herring	-	-	4	263	591	400
Mackerel	-	-	-	*	133	303
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	-	-	-
Salmon	-	-	-	-	*	48
Smelts	14	1	-	-	1	2
Capelin	-	-	-	22	182	23
Other pelagic and estuarian species	-	-	-	-	10	31
Total pelagic and estuarian species	14	1	4	285	917	807
Soft Shell Clams	21	74	154	176	162	83
Quahaugs Clams	-	-	2	*	3	-
Mussels	-	-	-	*	*	*
Scallops	-	-	-	42	191	186
Winkles	-	-	*	11	72	101
Lobsters	-	-	-	45	1,138	827
Shrimp	-	-	23	1,257	1,320	1,148
Snow Crabs	-	-	13	3,372	4,982	3,006
Other mollusc and crustacean	-	-	-	-	1	-
Total mollusc and crustacean	21	74	192	4,903	7,368	5,351
Other items	-	-	-	-	-	34
Total	36	75	196	6,269	18,450	16,826

TABLE 12

1986 MONTH-BY-MONTH LANDINGS IN QUEBEC BY SPECIES

TOTAL OF ALL ADMINISTRATIVES SECTORS - QUANTITY

(Quantity in rounded metric tons, live weight)

July	August	September	October	November	December	Total
7,745	2,682	4,535	3,878	668	3	34,274
29	22	11	4	*	-	97
2,459	1,910	1,337	1,424	350	-	9,917
30	18	37	20	1	-	206
588	333	568	526	110	-	3,571
170	97	60	*	-	-	481
95	141	73	78	4	-	442
-	-	-	-	-	-	-
1,098	700	1,379	754	27	-	6,241
75	139	134	60	1	-	469
13	8	6	6	1	-	67
9	3	11	53	1	*	100
12,311	6,053	8,151	6,803	1,163	3	55,865
381	1,066	1,084	64	7	-	3,860
378	772	1,183	235	-	-	3,004
-	2	-	-	-	-	2
*	*	77	230	10	1	318
36	5	-	-	-	-	89
5	8	11	8	2	1	53
-	-	-	-	-	-	227
13	15	2	1	-	-	72
813	1,868	2,357	538	19	2	7,625
77	20	17	20	11	5	820
19	20	16	4	-	-	64
1	1	1	12	-	*	15
194	160	242	140	16	-	1,171
113	173	146	36	-	-	652
246	11	-	-	-	-	2,267
1,137	890	552	359	3	-	6,689
684	1,184	987	496	32	5	14,761
2	2	1	-	-	-	6
2,471	2,459	1,961	1,067	62	10	26,445
1	*	-	-	-	-	35
15,596	10,380	12,469	8,408	1,244	15	89,970

TABLE 12A

1986 MONTH-BY-MONTH LANDINGS IN QUEBEC BY SPECIES

TOTAL OF ALL ADMINISTRATIVES SECTORS - VALUE

(Value in thousands of dollars)

SPECIES	January	February	March	April	May	June
Cod	1	*	-	307	3,438	3,411
Haddock	-	-	-	*	10	12
Redfish	-	-	-	11	196	348
Atlantic Halibut	-	-	-	19	152	92
American Plaice	-	-	-	56	297	421
Greysole	-	-	-	1	34	106
Winter Flounder	-	-	-	-	9	23
Unspecified Flounders	-	-	-	-	-	-
Greenland Halibut	-	-	-	164	829	812
White Hake	-	-	-	*	2	10
Catfish	-	-	-	*	3	4
Other groundfish	-	-	-	-	3	3
Total groundfish	1	*	-	558	4,973	5,242
Herring	-	-	1	92	184	117
Mackerel	-	-	-	*	43	84
Tuna, Bluefin	-	-	-	-	-	-
Eels	-	-	-	-	-	-
Salmon	-	-	-	-	2	372
Smelts	3	*	-	-	1	2
Capelin	-	-	-	4	38	5
Other pelagic and estuarian species	-	-	-	-	31	111
Total pelagic and estuarian species	3	*	1	96	299	691
Soft Shell Clams	13	49	102	116	132	70
Quahaugs Clams	-	-	-	-	-	-
Mussels	-	-	-	*	*	*
Scallops	-	-	-	64	275	258
Winkles	-	-	*	4	22	30
Lobsters	-	-	-	277	6,793	4,933
Shrimp	-	-	39	2,153	2,200	1,955
Snow Crabs	-	-	22	5,962	9,037	5,415
Other mollusc and crustacean	-	-	2	*	2	-
Total mollusc and crustacean	13	49	165	8,576	18,459	12,661
Other items	-	-	-	-	-	40
Total	17	49	166	9,230	23,731	18,634

TABLE 12A

1986 MONTH-BY-MONTH LANDINGS IN QUEBEC BY SPECIES

TOTAL OF ALL ADMINISTRATIVES SECTORS - VALUE

(Value in thousands of dollars)

July	August	September	October	November	December	Total
3,756	1,424	2,342	2,107	381	2	17,169
25	19	8	4	•	-	78
558	441	369	344	142	-	2,409
75	50	98	52	2	-	540
339	189	309	319	83	-	2,013
169	87	48	•	-	-	445
67	77	40	51	2	-	269
-	-	-	-	-	-	-
868	561	1,120	621	19	-	4,994
15	26	29	13	1	-	96
3	2	1	2	•	-	15
4	2	10	30	1	1	54
5,879	2,878	4,374	3,543	631	3	28,082
92	269	251	18	3	-	1,027
105	216	326	66	-	-	840
-	6	-	-	-	-	6
•	1	352	1,060	46	1	1,460
192	21	-	-	-	-	587
6	10	12	8	3	1	46
-	-	-	-	-	-	47
42	16	5	4	-	-	209
437	539	946	1,156	52	2	4,222
65	22	16	18	8	4	615
13	19	10	3	-	-	45
1	1	2	23	-	•	27
276	224	274	191	21	-	1,583
36	51	42	11	-	-	196
1,492	73	-	-	-	-	13,568
1,887	1,559	994	670	6	-	11,463
1,178	1,913	1,624	842	57	7	26,057
-	•	-	-	-	-	4
4,948	3,862	2,962	1,758	92	11	53,558
1	•	-	-	-	-	41
11,265	7,279	8,282	6,457	775	16	85,903

FIGURE 30

Month-by-Month Distribution of Landings by Species Group in 1986

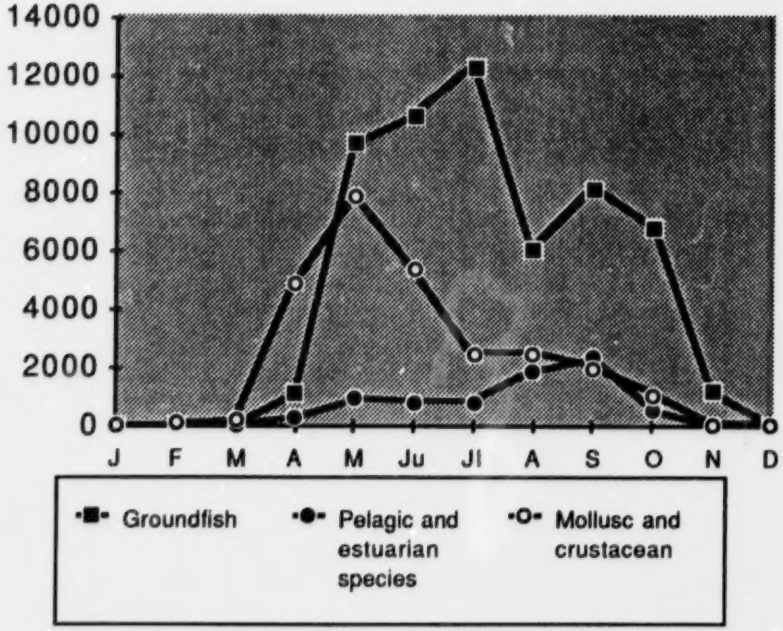
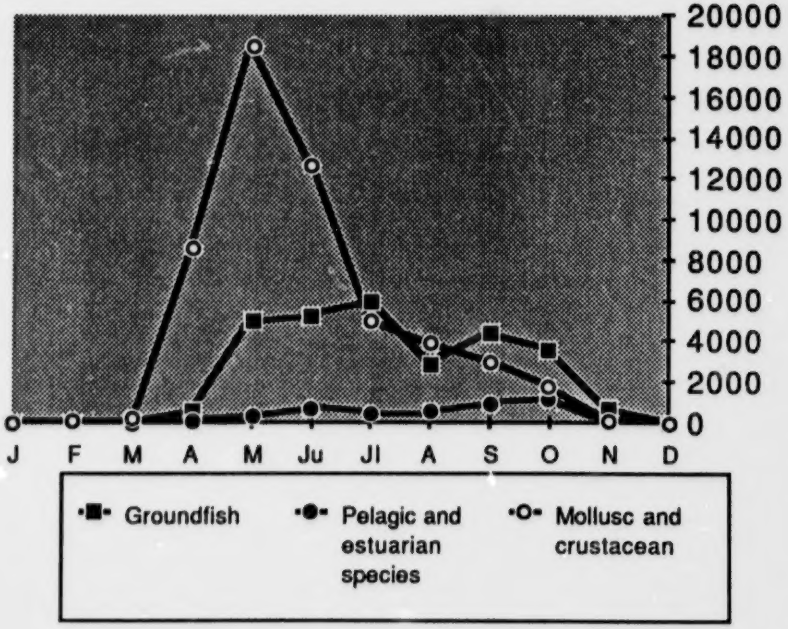


FIGURE 31

Month-by-Month Value Distribution of Landings by Species Group in 1986



Distribution of landings in Quebec by type of fishing gear used

In 1986, 52.2% of all marine products landed in Quebec were caught with fixed gear, and 47.8% with mobile gear. These proportions hardly varied in relation to 1985, when the corresponding figures were 52.6% and 47.4%.

Among the leading types of fixed gear, gillnets were used to catch the largest volume of fish, i.e. 17 369 m.t., or 19.3% of the total in Quebec, a 13.1% increase over 1985. The volume of fish caught with jiggers (hand lines), which are used to catch groundfish and pelagic and estuarine species, rose by 3.2%. The quantities of fish caught with longlines, trapnets and weirs all declined in relation to 1985.

Crab pots ranked second in terms of catches; 14 759 m.t. of crab, or 16.4% of the Quebec total, were landed with pots. Of that quantity, 11 239 m.t. (76%) of crabs were caught with Japanese pots, and 3 520 m.t. (24%) using standard pots. The volume of landings effected with Japanese pots increased 37.5%, from 8 174 m.t. in 1985 to 11 239 m.t. in 1986, while landings effected with standard pots dropped 50.5%, from 7 115 m.t. in 1985 to 3 520 m.t. in 1986.

In 1986, 43 017 m.t. of fish were caught with mobile gear, of which 70% were caught by bottom pair trawl. The stern trawl ranked first, and accounted for 17 242 m.t., followed by the side trawl (11 857 m.t.), and the paranza trawl. Shrimp trawls ranked second in terms of landings of fish caught with mobile gear, and accounted for 10 839 m.t., or 12.1% of the total.

Mention should be made of increased landings attributable to the stern trawl; they rose 23.7%, from 13 935 m.t. in 1985 to 17 242 m.t. in 1986. Landings by paranza trawls also increased, from 741 m.t. in 1985, to 1 107 m.t. in 1986. Although they were less substantial, catches by shrimp trawls rose from 9 952 m.t. to 10 839 m.t. Landings recorded with respect to side trawls declined by 28.9%, those for scallop draggers dropped 7.4%, and troll lines, 33.3%.

Overall, landings effected with mobile gear rose by 0.6%.

TABLE 13

LANDINGS IN QUEBEC IN 1985 AND 1986 BY TYPE OF FISHING GEAR USED

Fishing gear	1985		1986		% VARIATION Qty (m.t.) Live weight
	Qty (m.t.) Live weight	% of total	Qty (m.t.) Live weight	% of total	
Gillnet	15,356	17.0	17,369	19.3	13.1
Longline	7,336	8.1	6,139	6.8	- 16.3
Jigger (hand line)	3,964	4.4	4,091	4.6	3.2
Trapnet	1,357	1.5	724	0.8	- 46.6
Pots (other than crab)	2,185	2.4	2,298	2.6	5.2
Weir	788	0.9	583	0.6	- 26.0
Crab pot	15,289	17.0	14,759	16.4	- 3.5
. Japanese	8,174	9.1	11,239	12.5	37.5
. Standard	7,115	7.9	3,520	3.9	- 50.5
Rakes, tongs, spades, shovels	1,006	1.1	818	0.9	- 18.7
Miscellaneous	128	0.1	172	0.2	34.4
Total, fixed gear	47,409	52.6	46,953	52.2	- 1.0

TABLE 13 (continued)

LANDINGS IN QUEBEC IN 1985 AND 1986 BY TYPE OF FISHING GEAR USED

Fishing gear	1985		1986		% VARIATION Qty (m.t.) Live weight
	Qty (m.t.) Live weight	% of total	Qty (m.t.) Live weight	% of total	
Bottom pair trawl	31,355	34.8	30,206	33.6	- 3.7
. Side	16,679	18.5	11,857	13.2	28.9
. Stern	13,935	15.5	17,242	19.2	23.7
. Paranza	741	0.8	1,107	1.2	49.4
Shrimp trawl	9,952	11.0	10,839	12.1	8.9
Danish seine	166	0.2	762	0.8	359.0
Scottish seine	-	-	-	-	s/o
Troll line and/or rod	3	•	2	•	- 33.3
Scallop dragger	1,304	1.4	1,208	1.3	- 7.4
Total, mobile gear	42,780	47.4	43,017	47.8	0.6
Overall total	90,189	100.0	89,970	100.0	- 0.2

Average landed prices

Average landed prices in this year's statistical review are intended to reflect prices paid to fishermen and were obtained by dividing the total value of all landings by the total weight of landed catches.

The current average price takes into account the condition of the catch at the time of landing. Under this new approach, the meaning of the current price is explained; a similar presentation is made for each maritime sector.

To facilitate the reading of tables, various condition codes are defined on the opposite page.

Description of the condition of catches at the time of landing

(1) Round (fish); in shell (shellfish); wet or green (seaweed).

(2) Gutted and head on (fish); gutted (squid); dry or black or bleached (seaweed).

(3) Gutted, head off (fish).

(4) Split, head off (most fish); split, head off, pickled (Greenland halibut, herring, mackerel, salmon, trout).

(5) Green (wet) salted (groundfish); pickled fillets, skin on (herring and mackerel).

(6) Wings (skate); tail (monkfish); pickled fillets, skinless (herring); tentacles (squid); cooked in the shell (shrimp).

(7) Heavy salted, wet (cod); kippers (herring, mackerel); gutted or split, smoked (salmon); dried (capelin, squid); shucked (shellfish).

(8) Light salted, dry (cod); gutted, head on, pickled (most fish).

(9) Unavailable.

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

TABLE 14

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
GROUNDFISH				
COD	1	.438	.405	-7.5
	2	.527	.600	13.8
	3	.461	.525	13.8
	4	.596	.811	36.0
	5	1.011	1.228	21.4
	6	-	2.816	S/O
	7	2.683	-	S/O
	8	1.613	-	S/O
HADDOCK	1	.674	.631	-6.3
	2	.813	.979	20.4
REDFISH	1	.222	.242	9.0
	2	.247	.339	37.2
HALIBUT	1	3.119	2.768	-11.2
	2	2.502	2.734	9.2
	3	3.146	3.315	5.3
PLAICE	1	.425	.577	35.7
	2	.372	.657	76.6
GREYSOLE (WITCH)	1	.830	.926	11.5
	2	.599	.220	-63.2
WINTER FLOUNDER	1	.572	.605	5.7
	2	-	.243	S/O
GREENLAND HALIBUT(TURBOT)	1	.607	.797	31.3
	2	.699	.881	26.0
	3	-	3.311	S/O
UNSP. FLOUNDERS	1	.551	-	S/O
WHITE HAKE	1	.213	.291	36.6
	2	.235	.243	3.4
	4	-	.378	S/O

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

TABLE 14 (continued)

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
CATFISH	1	.236	.232	-1.6
	2	.290	.219	-24.4
PELAGIC AND ESTUARIAL FISH				
HERRING	1	.255	.243	-4.7
	8	1.066	-	S/O
MACKEREL	1	.252	.232	-7.9
	2	.219	-	S/O
	3	.460	.439	-4.5
TUNA, BLUEFIN	1	2.693	2.921	8.4
EELS	1	3.313	4.523	36.5
SALMON	1	7.461	5.454	-26.8
	2	6.009	6.197	3.1
	7	-	5.500	S/O
SMELTS	1	.674	.227	-66.3
CAPELIN	1	. 93	-	S/O
	7	-	9.500	S/O
MOLLUSCS AND CRUSTACEANS				
SOFT SHELL CLAMS	1	.581	.664	14.2
QUAHAUGS CLAMS	1	-	.456	S/O
MUSSEL	1	2.194	.685	-68.7
SCALLOP	1	1.606	.928	-42.2
	7	11.532	11.556	.2
WHELK (WINKLE)	1	.456	.287	-37.0
LOBSTER	1	5.330	5.978	12.1

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

TABLE 14 (continued)

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
SHRIMP	1	1.324	1.718	29.7
	6	1.664	1.791	7.6
SNOW CRABS (QUEEN)	1	1.138	1.762	54.8

Relative importance of various fishing harbours

The table on the opposite page indicates the relative importance of various harbours in 1986, in terms of quantities landed and value. Rivière-au-Renard once again ranked first, with a volume of 12 644 m.t. and an associated value of $10.3 million. Landings in Rivière-au-Renard consisted primarily of cod and shrimp which, together, accounted for 90% of all landings.

Although Cap-aux-Meules ranked third in terms of associated value ($5.9 million), the offshore harbour in the Magdalen Islands ranked second in terms of quantities landed (11 774 m.t.).

Newport Pointe ranked third, in relation to 1985, when it ranked fourth in terms of quantities landed; in terms of landed value, it ranked seventh ($3.4 million).

Grande-Rivière ranked second in terms of associated value, and fourth with regard to quantities landed; landings totalled 7 019 m.t., with an associated value of $7.8 million.

In 1986, Sainte-Thérèse-de-Gaspé recorded landings of 4 570 m.t., with an associated value of $5.8 million, ranking it fifth in terms of quantities landed (the same as in 1985), but fourth in terms of associated value (up from fifth place in 1985).

It is worth noting that the three leading harbours alone accounted for 35% of the overall volume of landings in Quebec, and for 23% of their associated value.

The 10 leading harbours in Quebec accounted for 63% of quantities landed and 58% of total landed values recorded in the province.

TABLE 15

THE 10 LEADING LANDING POINTS IN QUEBEC, BY:

QUANTITY (METRIC TONS) LIVE WEIGHT		% OF TOTAL	VALUE (THOUSANDS OF DOLLARS)		% OF TOTAL
(1) Rivière-au-Renard	12,644	14.1	(1) Rivière-au-Renard	10,273	12.0
(2) Cap-aux-Meules	11,774	13.1	(2) Grande-Rivière	7,786	9.1
(3) Newport Pointe	7,295	8.1	(3) Cap-aux-Meules	5,938	6.9
(4) Grande-Rivière	7,019	7.8	(4) Sainte-Thérèse	5,753	6.7
(5) Sainte-Thérèse	4,570	5.1	(5) Matane	3,960	4.6
(6) Sept-Iles	3,341	3.7	(6) Havre-Saint-Pierre	3,353	3.9
(7) Matane	3,063	3.4	(7) Newport Pointe	3,351	3.9
(8) Cloridorme	3,024	3.4	(8) Grande-Entrée	3,343	3.9
(9) Anse-des-Méchins	2,213	2.5	(9) Sept-Iles	2,986	3.5
(10) Havre-Saint-Pierre	1,887	2.1	(10) Ruisseau Chapados	2,840	3.3

Landings in Quebec by non-Quebec boats - 1985 and 1986

In 1986, 30 boats from New Brunswick, 66 from Newfoundland and two from Prince Edward Island landed 1 181 m.t. of fish, worth $1.2 million.

In terms of the volume and value of landings in Quebec, New Brunswick boats headed the list with 650 m.t., worth $809 000. Although Newfoundland boats were more numerous 1986, they landed 490 m.t. of fish with an associated value of $367 000.

Landings declined by 41% and landed values by 29% between 1985 and 1986. The downturn in the associated value of landings was partially offset by an upturn in landings effected by Newfoundland boats, the value of which rose from $150 000 in 1985 to $367 000 in 1986, a 144% increase. However, the volume of landings rose less markedly, i.e. from 441 m.t. in 1985 to 490 m.t. in 1986, an 11% increase.

The leading species landed by non-Quebec boats in Quebec in 1986 were cod (401 m.t.), snow crab (318 m.t.), shrimp (156 m.t.), scallops (138 m.t.) and American plaice (108 m.t.). In 1985, snow crab ranked first (1 160 m.t.), cod second (535 m.t.), shrimp third (135 m.t.) and American plaice fourth (133 m.t.).

TABLE 16

1985-86 LANDINGS IN QUEBEC
BY NON-QUEBEC BOATS - QUANTITY

(Quantity in rounded metric tons, live weight)

	PRINCE EDWARD ISLAND		NEW-BRUNSWICK		NEWFOUNLAND		TOTAL	
SPECIES	**1985**	**1986**	**1985**	**1986**	**1985**	**1986**	**1985**	**1986**
Cod	3	7	99	150	433	244	535	401
Redfish	-	-	26	25	-	-	26	25
Atlantic Halibut	-	-	-	1	-	-	-	1
American Plaice	32	34	101	74	-	-	133	108
Winter Flounder	-	-	-	2	-	-	-	2
Greenland Halibut	-	-	16	18	-	-	16	18
White Hake	-	-	2	1	-	-	2	1
Total groundfish	35	41	244	271	433	244	712	556
Herring	-	-	-	2	-	11	-	13
Total pelagic species	-	-	-	2	-	11	-	13
Scallops	-	-	-	-	-	138	-	138
Shrimp	-	-	135	156	-	-	135	156
Snow Crabs	-	-	1,152	221	8	97	1,160	318
Total mollusc and crustacean	-	-	1,287	377	8	235	1,295	612
Grand total	35	41	1,531	650	441	490	2,007	1,181

TABLE 16A

1985-86 LANDINGS IN QUEBEC

BY NON-QUEBEC BOATS - VALUE

(Value in thousands of dollars)

SPECIES	PRINCE EDWARD ISLAND		NEW-BRUNSWICK		NEWFOUNLAND		TOTAL	
	1985	1986	1985	1986	1985	1986	1985	1986
Cod	1	4	40	76	144	99	185	179
Redfish	-	-	7	9	-	-	7	9
Atlantic Halibut	-	-	-	1	-	-	-	1
American Plaice	13	22	43	45	-	-	56	67
Winter Flounder	-	-	-	1	-	-	-	1
Greenland Halibut	-	-	7	14	-	-	7	14
White Hake	-	-	*	*	-	-	*	*
Total groundfish	14	26	97	146	144	99	255	271
Herring	-	-	-	1	-	2	-	3
Total pelagic species	-	-	-	1	-	2	-	3
Scallops	-	-	-	-	-	113	-	113
Shrimp	-	-	185	275	-	-	185	275
Snow Crabs	-	1	1,241	387	6	153	1,247	540
Total mollusc and crustacean	-	1	1,426	662	6	266	1,432	929
Grand total	14	27	1,523	809	150	367	1,687	1,203

FIGURE 32

1985 Quebec Distribution of non-Quebec Boats' Landings

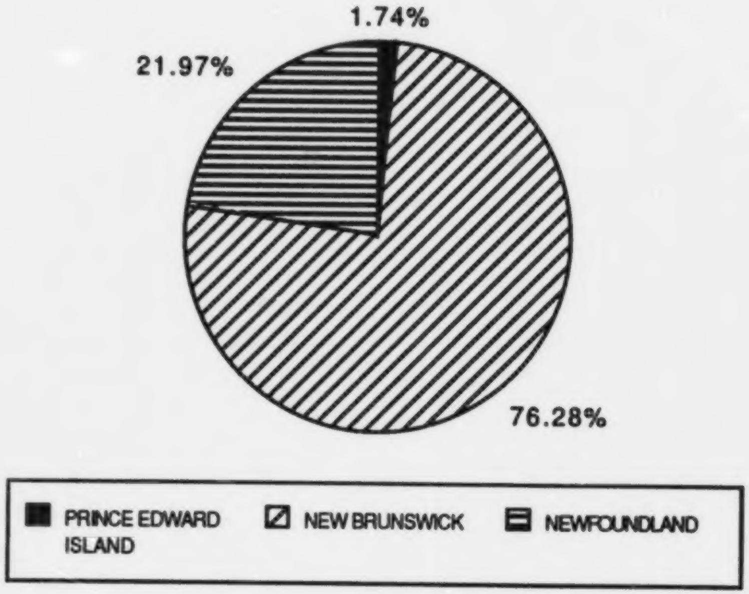


FIGURE 33

1986 Quebec Distribution of non-Quebec Boats' Landings

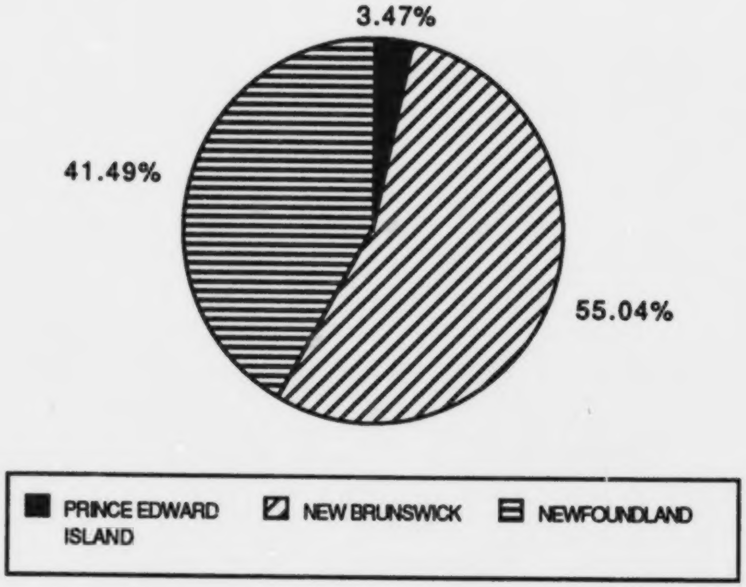


FIGURE 34

1985 Quebec Distribution of the Value of non-Quebec Boats' Landings

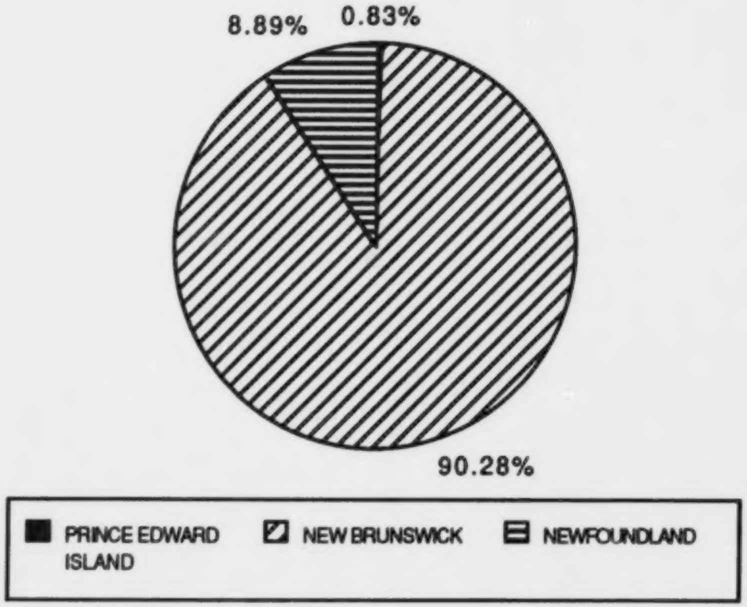
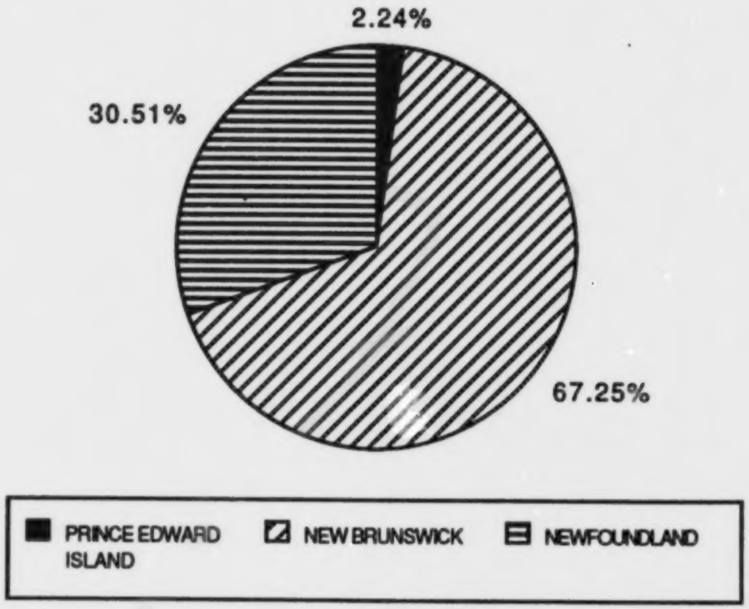


FIGURE 35

1986 Quebec Distribution of the Value of non-Quebec Boats' Landings



Landings outside of Quebec by Quebec boats

In 1986, Quebec boats landed 7 414 m.t. of marine products with a landed value of $3.6 million in the other Atlantic provinces. Groundfish accounted for 86% of landings, while pelagic and estuarine species accounted for slightly more than 13% of all such landings. Molluscs and crustaceans accounted for barely 0.28% of landings outside of Quebec. In 1985, such landings totalled 3 859 m.t.; the 1986 figure represents a 92% increase over 1985.

Quantities landed by Quebec boats were highest in Newfoundland (4 852 m.t.), followed by Nova Scotia (1 167 m.t.), New Brunswick (1 103 m.t.) and Prince Edward Island (291 m.t.).

Landings effected in Newfoundland rose by more than 169%, while those in Nova Scotia increased by 88% in relation to 1985.

Only landings in New Brunswick declined, falling 15% from 1 303 m.t. in 1985 to 1 103 m.t. in 1986.

Data on landed values for 1985 are incomplete and are not being published for this reason.

TABLE 17

1985-86 LANDINGS OUTSIDE OF QUEBEC

BY QUEBEC BOATS - QUANTITY

(Quantity in rounded metric tons, live weight)

SPECIES	NEW-BRUNSWICK		PRINCE EDWARD ISLAND		NOVA SCOTIA		NEWFOUNDLAND		TOTAL	
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
Cod	500	97	-	207	401	646	1,517	4,660	2,418	5,610
Haddock	1	-	-	-	19	60	5	17	25	77
Redfish	136	-	137	66	11	156	253	134	537	356
Atlantic Halibut	•	-	-	-	•	4	•	-	•	4
American Plaice	28	•	-	11	117	149	2	6	147	166
Greysole	7	1	-	-	-	14	2	3	9	18
Winter Flounder	-	-	-	-	-	16	•	•	•	16
Greenland Halibut	-	-	-	-	-	-	-	2	-	2
White Hake	1	-	-	3	6	15	4	•	11	18
Catfish	-	-	-	-	-	-	•	1	•	1
Other groundfish	-	-	-	4	52	108	•	8	52	120
Total groundfish	673	98	137	291	606	1,168	1,783	4,831	3,199	6,388
Herring	627	1,002	-	-	-	-	-	-	627	1,002
Mackerel	-	3	-	-	-	-	-	-	•	3
Total pelagic species	627	1,005	-	-	-	-	-	-	627	1,005
Scallops	-	-	-	-	-	-	16	-	16	-
Lobsters	3	-	-	-	-	-	-	-	3	-
Shrimp	-	-	-	-	-	-	-	21	-	21
Snow Crabs	-	-	-	-	14	-	-	-	14	-
Other mollusc and crustacean	•	-	-	-	-	-	-	-	•	-
Total mollusc and crustacean	3	-	-	-	14	-	16	21	33	21
Grand total	1,303	1,103	137	291	620	1,168	1,799	4,852	3,859	7,414

FIGURE 36

1985 Distribution of Outside Quebec Landings by Quebec Boats

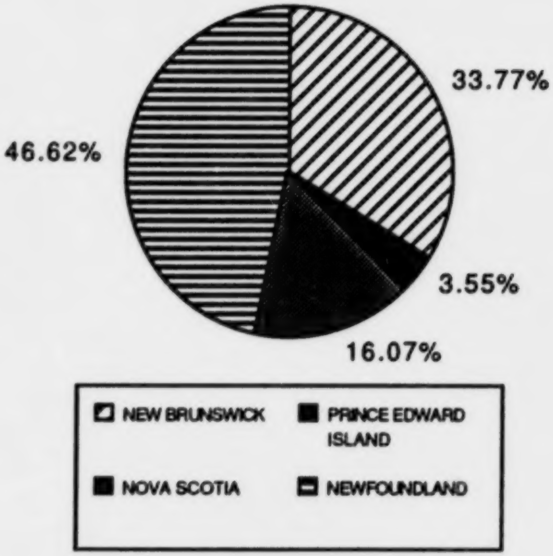


FIGURE 37

1986 Distribution of Outside Quebec Landings by Quebec Boats

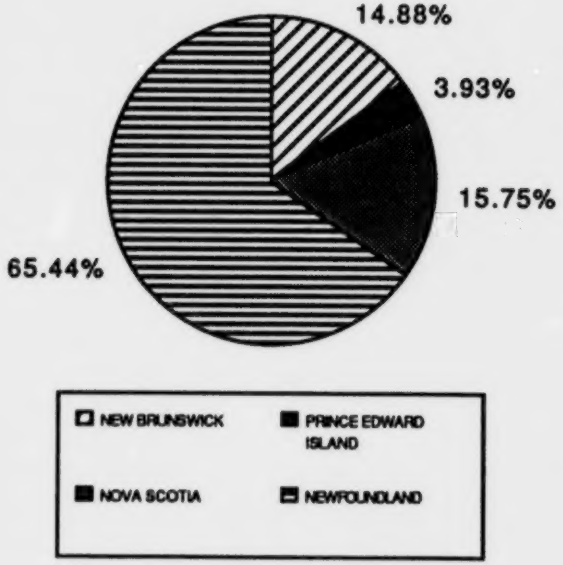


TABLE 17A

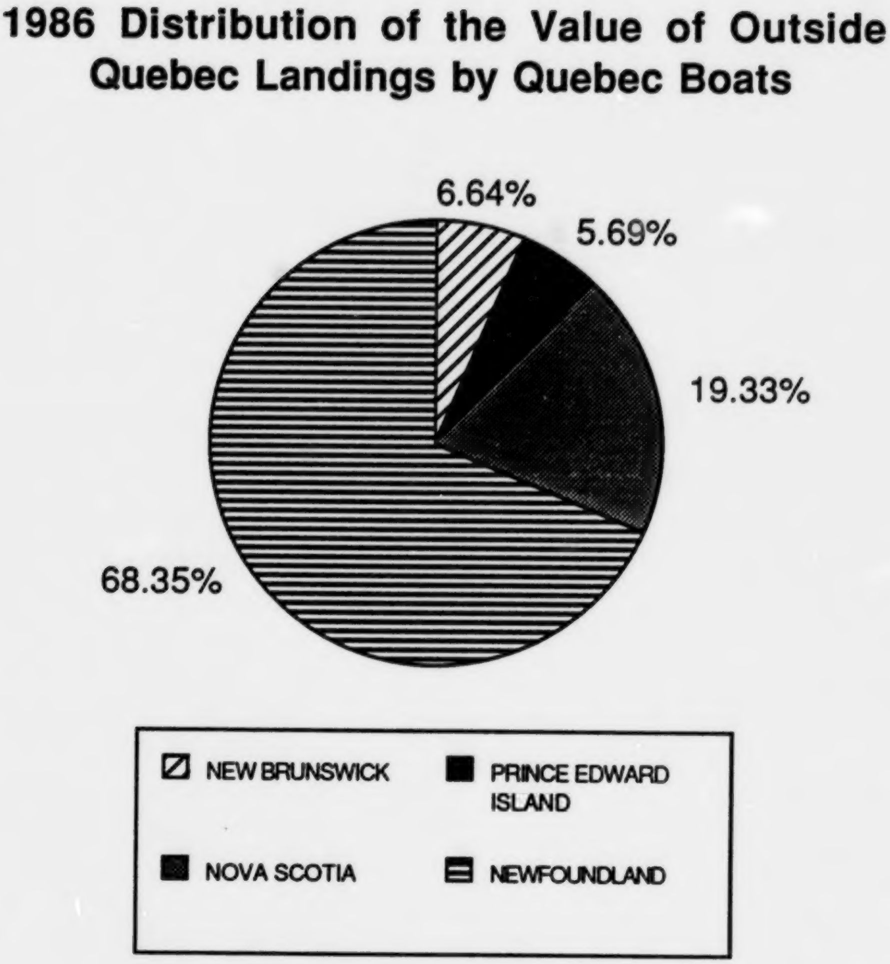
1986 LANDINGS OUTSIDE OF QUEBEC

BY QUEBEC BOATS - VALUE

(Value in thousands of dollars)

	NEW-BRUNSWICK	PRINCE EDWARD ISLAND	NOVA SCOTIA	NEWFOUNDLAND	TOTAL
SPECIES	1986	1986	1986	1986	1986
Cod	40	180	373	2,359	2,952
Haddock	-	-	63	9	72
Redfish	-	11	44	38	93
Atlantic Halibut	-	-	15	-	15
American Plaice	*	9	119	2	130
Greysole	*	-	9	2	11
Winter Flounder	-	-	9	*	9
Greenland Halibut	-	-	*	1	1
White Hake	-	1	6	*	7
Catfish	-	-	-	*	*
Other groundfish	-	2	52	1	55
Total groundfish	40	203	690	2,412	3,345
Herring	196	-	-	-	196
Mackerel	1	-	-	-	1
Total pelagic species	197	-	-	-	197
Scallops	-	-	-	-	-
Lobsters	-	-	-	-	-
Shrimp	-	-	-	-	28
Snow Crabs	-	-	-	28	-
Other mollusc and crustacean	-	-	-	-	-
Total mollusc and crustacean	-	-	-	28	28
Grand total	237	203	690	2,440	3,570

FIGURE 38


1986 Distribution of the Value of Outside Quebec Landings by Quebec Boats
6.64%
5.69%
19.33%
68.35%
NEW BRUNSWICK
PRINCE EDWARD ISLAND
NOVA SCOTIA
NEWFOUNDLAND

DISTRIBUTION OF LANDINGS BY SECTOR

GASPÉ PENINSULA

Landings

In 1986, landings in the Gaspé Peninsula dropped by less than 1% in relation to 1985, to 53 283 m.t., accounting for 59% of all landings in Quebec, the same figure as in 1985.

Landed values rose 29% compared with 1985, totalling $48.7 million, or 57% of the value of species landed in Quebec. In 1985, landings effected in the Gaspé Peninsula totalled $37.6 million, a 28% increase, which is similar to that recorded during the past year.

While groundfish continued to account for a high percentage of landings (66%), important variations nonetheless occurred within the group. Although cod was still the leading species, landings of it declined by 19%. The marked upturn in landings of flat fish, such as flounder and Greenland halibut and the increase in prices paid for these species led to a 15% increase in the value of the groundfish group, despite a 4% decrease in overall landings of these species, because of the steep drop in cod catches.

Landings of pelagic species also rose substantially, as a result of larger herring catches, which climbed by 12%.

As was in the case in past years, the leading group in terms of value was molluscs and crustaceans; the value of landings rose 44% in 1986, compared with 1985, because of higher shrimp prices and, to a large extent, higher crab prices. Although landings of shrimp fell by 1% (5 614 m.t.), their landed value increased by 29% ($9.7 million). The quantity of crab landed rose by 17% (8 233 m.t.) and landed value jumped by 71% ($14.5 million).

Major differences are to be noted between each of the four principal districts in the Gaspé Peninsula. For example, a considerable drop in crab catches was recorded in Gaspé North, although landings increased by 26% in Gaspé South.

Moreover, Gaspé South was more markedly affected than Gaspé East by the decline in cod catches: between 1985 and 1986, the quantities landed fell by 25% in the former and 11% in the latter, while landed values in Gaspé South dropped 23%, compared with a 1% increase in Gaspé East.

The situation in the Gaspé Peninsula is similar to that noted in Quebec as a whole. Landings declined generally by less than 1%; associated value rose by 29% in the Gaspé Peninsula, and 27% for Quebec as a whole.

TABLE 18

LANDINGS IN GASPÉ PENINSULA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	31,748	14,524	25,642	12,926	-19.2	-11.0
Haddock	21	15	57	47	171.4	213.3
Redfish	567	150	644	224	13.6	49.3
Atlantic Halibut	81	224	147	362	81.5	61.6
American Plaice	2,064	875	2,306	1,257	11.7	43.7
Greysole	355	295	478	444	34.6	50.5
Winter Flounder	65	40	320	203	392.3	407.5
Unspecified Flounders	*	*	-	-	N/A	N/A
Greenland Halibut	1,745	1,120	5,326	4,274	205.2	281.6
White Hake	286	61	366	79	28.0	29.5
Catfish	20	5	56	13	180.0	160.0
Other groundfish	79	45	50	34	-36.7	-24.4
Total groundfish	37,031	17,354	35,391	19,863	-4.4	14.5
Herring	2,516	658	2,813	733	11.8	11.4
Mackerel	443	111	458	115	3.4	3.6
Tuna, Bluefin	3	8	2	6	-33.3	-25.0
Eels	1	4	2	9	100.0	125.0
Salmon	6	42	3	25	-50.0	-40.5
Smelts	54	42	22	13	-59.3	-69.0
Capelin	22	3	1	1	-95.5	-66.7
Other pelagic and estuarian species	7	4	19	10	171.4	150.0
Total pelagic and estuarian species	3,052	872	3,319	912	8.7	4.6
Soft Shell Clams	21	38	41	89	95.2	134.2
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	2	2	1	1	-50.0	-50.0
Scallops	128	187	114	170	-10.9	-9.1
Winkles	30	26	10	10	-66.7	-61.5
Lobsters	586	3,160	557	3,412	-4.9	8.0
Shrimp	5,648	7,457	5,614	9,657	-0.6	29.5
Snow Crabs	7,019	8,525	8,233	14,539	17.3	70.5
Other mollusc and crustacean	3	4	3	2	0.0	-50.0
Total mollusc and crustacean	13,437	19,399	14,573	27,881	8.5	43.7
Other items	1	1	1	*	0.0	N/A
Total	53,521	37,626	53,283	48,655	-0.4	29.3

FIGURE 39

1985-86 Distribution of Landings
by Species Group
In Gaspe Peninsula

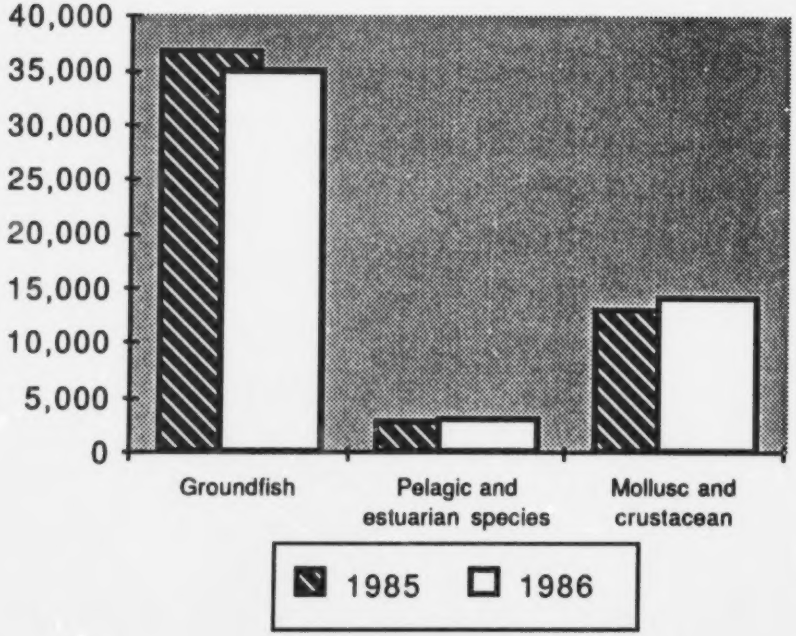
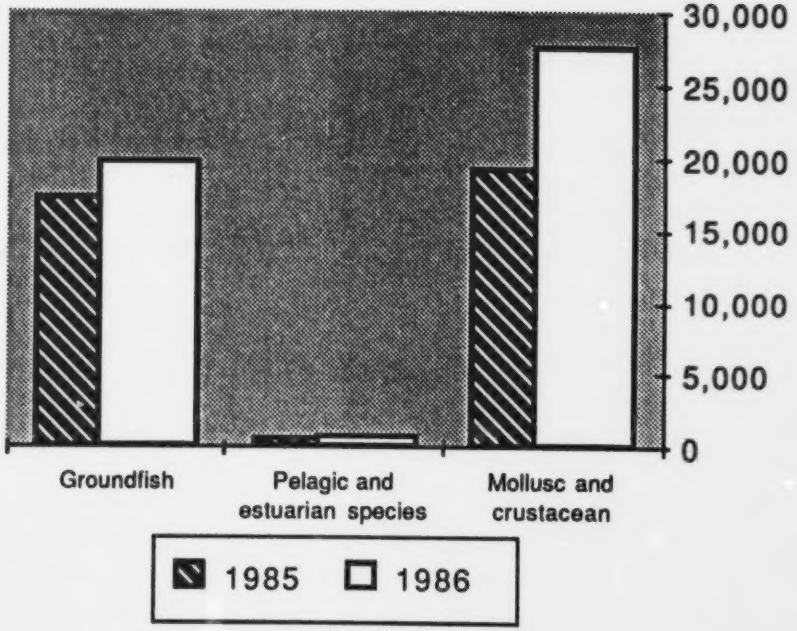


FIGURE 40

1985-86 Distribution of Landings
Value by Species Group
In Gaspe Peninsula



Landings by category of boat length - Gaspé Peninsula

As Table 18A reveals, boats between 35 feet and 64 feet 11 inches in length clearly predominated in 1986, accounting for 81% of the total volume recorded in the Gaspé Peninsula, and 78% of the associated value. In 1985, the same category accounted for 85% of quantities landed, and 82% of landed value.

While boats between 35 feet and 64 feet 11 inches in length headed the list with regard to landings of all species in 1986, their predominance was especially marked for groundfish (85%) and molluscs and crustaceans (94%) in 1985 .

In 1986, all other categories of fishing vessels, i.e. those under 35 feet and those 65 feet and over, accounted for 19% of the total volume of landings, compared with 15% in 1985. The associated value recorded by fleets other than those between 35 feet and 64 feet 11 inches followed the same trends in 1985 (18%) and 1986 (22%).

TABLE 18A

LANDINGS IN GASPÉ PENINSULA

BY BOAT LENGTH IN 1986

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	Less than 35' Quantity	Less than 35' Value	From 35' to 64'11" Quantity	From 35' to 64'11" Value	More than 65' Quantity	More than 65' Value	Total by species Quantity	Total by species Value
Cod	2,429	1,393	22,121	11,055	1,149	526	25,699	12,974
Haddock	-	-	-	-	-	-	-	-
Redfish	10	3	375	133	259	87	644	223
Atlantic Halibut	34	98	108	254	4	10	146	362
American Plaice	184	97	1,933	1,057	189	103	2,306	1,257
Greysole	3	2	473	440	2	1	478	443
Winter Flounder	157	101	163	102	-	-	320	203
Unspecified Flounders	-	-	-	-	-	-	-	-
Greenland Halibut	615	508	4,423	3,585	288	181	5,326	4,274
White Hake	65	15	301	64	1	*	367	79
Catfish	*	*	55	13	1	*	56	13
Other groundfish	5	3	45	31	-	-	50	34
Total groundfish	3,502	2,220	29,997	16,734	1,893	908	35,392	19,862
Herring	1,599	441	1,214	292	-	-	2,813	733
Mackerel	253	69	205	47	-	-	458	116
Tuna, Bluefin	*	1	2	4	-	-	2	5
Eels	2	9	-	-	-	-	2	9
Salmon	3	25	-	-	-	-	3	25
Smelts	22	13	-	-	-	-	22	13
Capelin	1	1	-	-	-	-	1	1
Other pelagic and estuarian species	16	8	3	2	-	-	19	10
Total pelagic and estuarian species	1,896	567	1,424	345	-	-	3,320	912
Soft Shell Clams	41	89	-	-	-	-	41	89
Quahaugs Clams	-	-	-	-	-	-	-	-
Mussels	1	1	-	-	-	-	1	1
Scallops	2	4	111	166	-	-	113	170
Winkles	10	9	*	1	-	-	10	10
Lobsters	493	3,028	64	384	-	-	557	3,412
Shrimp	2	4	3,700	6,345	1,912	3,308	5,614	9,657
Snow Crabs	47	106	7,801	13,754	385	679	8,233	14,539
Other mollusc and crustacean	3	2	-	-	-	-	3	2
Total mollusc and crustacean	599	3,243	11,676	20,650	2,297	3,987	14,572	27,880
Other items	1	*	-	-	-	-	1	*
Total	5,998	6,030	43,097	37,729	4,190	4,895	53,285	48,654

FIGURE 41

1986 Distribution of Landings by Length Boat in Gaspe Peninsula

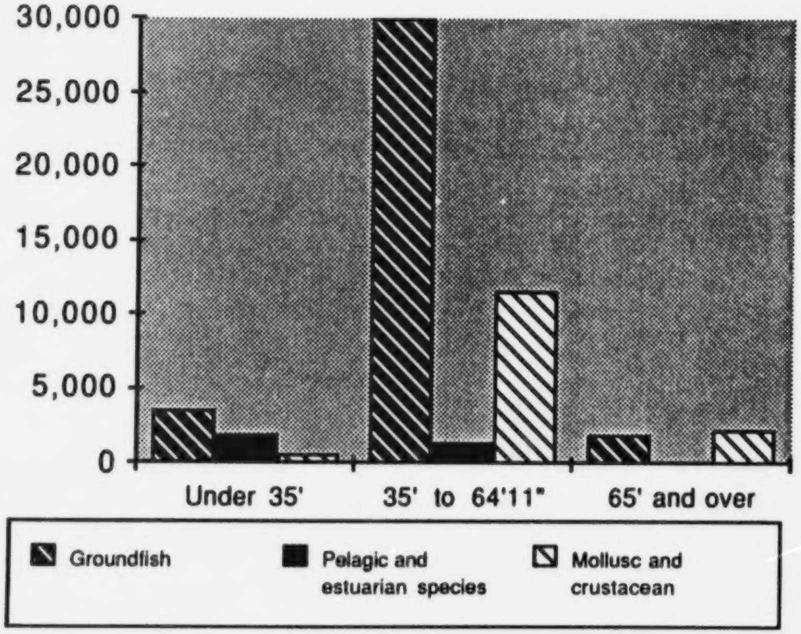


FIGURE 42

1986 Distribution of Landings Value by Length Boat in Gaspe Peninsula

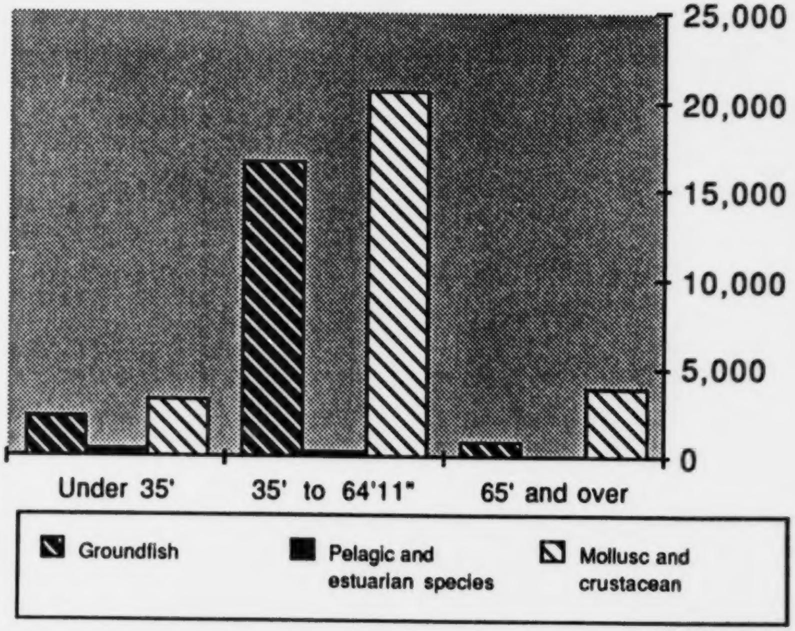


TABLE 18B

LANDINGS IN GASPÉ PENINSULA

BY BOAT LENGTH IN 1985

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	Less than 35' Quantity	Less than 35' Value	From 35' to 64'11" Quantity	From 35' to 64'11" Value	More than 65' Quantity	More than 65' Value	Total by species Quantity	Total by species Value
Cod	2,836	1,406	27,483	12,551	1,430	567	31,749	14,524
Haddock	1	1	20	14	•	•	21	15
Redfish	18	5	361	98	188	46	567	149
Atlantic Halibut	33	122	42	87	6	15	81	224
American Plaice	193	75	1,751	748	121	52	2,065	875
Greysole	2	1	353	295	-	-	355	296
Winter Flounder	6	6	59	34	-	-	65	40
Unspecified Flounders	•	•	-	-	-	-	•	•
Greenland Halibut	297	195	1,267	853	181	72	1,745	1,120
White Hake	61	13	225	47	-	-	286	60
Catfish	1	1	20	5	-	-	21	6
Other groundfish	3	1	74	43	-	-	77	44
Total groundfish	3,451	1,826	31,655	14,775	1,926	752	37,032	17,353
Herring	1,177	310	1,338	348	-	-	2,515	658
Mackerel	278	73	165	38	-	-	443	111
Tuna, Bluefin	1	2	2	6	-	-	3	8
Eels	1	4	-	-	-	-	1	4
Salmon	6	42	-	-	-	-	6	42
Smelts	54	42	-	-	-	-	54	42
Capelin	20	3	1	•	-	-	21	3
Other pelagic and estuarian species	4	2	4	3	-	-	8	5
Total pelagic and estuarian species	1,541	478	1,510	395	-	-	3,051	873
Soft Shell Clams	20	38	-	-	-	-	20	38
Quahaugs Clams	-	-	-	-	-	-	-	-
Mussels	2	2	-	-	-	-	2	2
Scallops	5	8	123	179	-	-	128	187
Winkles	27	24	3	2	-	-	30	26
Lobsters	528	2,843	58	318	-	-	586	3,161
Shrimp	4	6	3,466	4,597	-	-	3,470	4,603
Snow Crabs	56	67	6,574	8,071	-	-	6,630	8,138
Other mollusc and crustacean	3	4	-	-	-	-	3	4
Total mollusc and crustacean	645	2,992	10,224	13,167	-	-	10,869	16,159
Other items	•	•	1	1	-	-	1	1
Total	5,637	5,296	43,390	28,338	1,926	752	50,953	34,386

TABLE 19

LANDINGS IN GASPÉ PENINSULA

BIC TO RIVIERE-LA-MADELEINE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

	1985		1986		Var. in %	
SPECIES	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
Cod	2,420	1,066	1,971	1,154	-18.6	8.3
Haddock	12	9	45	40	275.0	344.4
Redfish	238	65	259	97	8.8	49.2
Atlantic Halibut	4	16	6	18	50.0	12.5
American Plaice	543	294	389	255	-28.4	-13.3
Greysole	306	262	409	381	33.7	45.4
Winter Flounder	*	*	197	128	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	1,407	987	4,863	4,001	245.6	305.4
White Hake	30	6	18	4	-40.0	-33.3
Catfish	1	*	*	*	N/A	N/A
Other groundfish	1	1	3	6	200.0	N/A
Total groundfish	4,961	2,706	8,159	6,084	64.5	124.8
Herring	138	33	196	70	42.0	112.1
Mackerel	5	2	5	2	0.0	0.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	1	4	2	9	100.0	125.0
Salmon	5	41	2	16	-60.0	-61.0
Smelts	-	-	*	*	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	1	1	8	6	N/A	N/A
Total pelagic and estuarian species	151	81	213	103	41.1	27.2
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	3	6	13	27	333.3	350.0
Winkles	28	24	8	7	-71.4	-70.8
Lobsters	*	3	*	1	N/A	-66.7
Shrimp	3,009	3,930	2,515	4,386	-16.4	11.6
Snow Crabs	374	473	336	680	-10.2	43.8
Other mollusc and crustacean	-	-	2	2	N/A	N/A
Total mollusc and crustacean	3,415	4,436	2,873	5,103	-15.9	15.0
Other items	*	*	-	-	N/A	N/A
Total	8,526	7,224	11,245	11,289	31.9	56.3

TABLE 20

LANDINGS IN GASPÉ EAST

GRANDE-VALLÉE TO CAP GASPÉ

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	13,238	6,108	11,725	6,153	-11.4	0.7
Haddock	2	1	3	1	50.0	0.0
Redfish	303	78	381	125	25.7	60.3
Atlantic Halibut	52	152	60	156	15.4	2.6
American Plaice	752	274	1,102	576	46.5	110.2
Greysole	*	*	2	1	N/A	N/A
Winter Flounder	1	*	1	1	0.0	N/A
Unspecified Flounders	*	*	-	-	N/A	N/A
Greenland Halibut	310	118	454	266	46.5	125.4
White Hake	10	2	35	7	250.0	250.0
Catfish	1	*	14	4	N/A	N/A
Other groundfish	*	*	5	1	N/A	N/A
Total groundfish	14,669	6,734	13,783	7,290	-6.0	8.3
Herring	270	79	243	85	-10.0	7.6
Mackerel	31	10	21	7	-32.3	-30.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	*	*	-	-	N/A	N/A
Smelts	-	-	*	*	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	6	3	7	2	16.7	-33.3
Total pelagic and estuarian species	308	93	271	94	-12.0	1.1
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	2	1	3	3	50.0	200.0
Lobsters	38	195	18	113	-52.6	-42.1
Shrimp	2,637	3,526	3,100	5,271	17.6	49.5
Snow Crabs	2	2	*	1	N/A	-50.0
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	2,679	3,725	3,120	5,387	16.5	44.6
Other items	-	-	-	-	N/A	N/A
Total	17,656	10,552	17,174	12,771	-2.7	21.0

TABLE 21

LANDINGS IN GASPÉ SOUTH
CAP-AUX-OS TO PORT-DANIEL

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	15,543	7,105	11,681	5,472	-24.8	-23.0
Haddock	7	4	5	3	-28.6	-25.0
Redfish	26	7	1	*	-96.2	N/A
Atlantic Halibut	24	54	80	187	233.3	246.3
American Plaice	539	193	658	335	22.1	73.6
Greysole	29	18	33	32	13.8	77.8
Winter Flounder	6	2	24	11	300.0	450.0
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	28	14	8	6	-71.4	-57.1
White Hake	215	45	292	63	35.8	40.0
Catfish	17	4	42	9	147.1	125.0
Other groundfish	4	1	*	*	N/A	N/A
Total groundfish	16,439	7,447	12,825	6,117	-22.0	-17.9
Herring	1,477	393	1,743	449	18.0	14.2
Mackerel	188	46	136	31	-27.7	-32.6
Tuna, Bluefin	1	2	2	4	100.0	100.0
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	1	9	N/A	N/A
Smelts	1	*	1	1	0.0	N/A
Capelin	17	2	-	-	N/A	N/A
Other pelagic and estuarian species	*	*	4	1	N/A	N/A
Total pelagic and estuarian species	1,684	442	1,886	496	12.0	12.2
Soft Shell Clams	-	-	*	1	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	1	1	-	-	N/A	N/A
Scallops	22	31	23	33	4.5	6.5
Winkles	1	1	-	-	N/A	N/A
Lobsters	414	2,245	402	2,495	-2.9	11.1
Shrimp	1	1	-	-	N/A	N/A
Snow Crabs	5,940	7,346	7,461	13,105	25.6	78.4
Other mollusc and crustacean	1	1	1	*	0.0	N/A
Total mollusc and crustacean	6,380	9,626	7,887	15,634	23.6	62.4
Other items	-	-	*	*	N/A	N/A
Total	24,502	17,515	22,598	22,247	-7.8	27.0

TABLE 22

LANDINGS IN BAY OF CHALEUR

SHIGAWAKE TO MATAPÉDIA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	 Value	1986 Quantity	 Value	Var. in % Quantity	 Value
Cod	548	245	266	147	-51.5	-40.0
Haddock	1	1	4	3	300.0	200.0
Redfish	*	*	3	1	N/A	N/A
Atlantic Halibut	1	2	1	1	0.0	-50.0
American Plaice	230	114	157	92	-31.7	-19.3
Greysole	20	14	33	30	65.0	114.3
Winter Flounder	57	38	98	63	71.9	65.8
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	*	*	1	1	N/A	N/A
White Hake	31	8	20	5	-35.5	-37.5
Catfish	*	*	*	*	N/A	N/A
Other groundfish	74	43	43	28	-41.9	-34.9
Total groundfish	963	465	625	372	-35.1	-20.0
Herring	630	153	631	130	0.2	-15.0
Mackerel	219	53	296	76	35.2	43.4
Tuna, Bluefin	2	6	*	1	N/A	-83.3
Eels	-	-	-	-	N/A	N/A
Salmon	*	*	-	-	N/A	N/A
Smelts	53	42	20	11	-62.3	-73.8
Capelin	4	2	1	1	-75.0	-50.0
Other pelagic and estuarian species	*	*	*	*	N/A	N/A
Total pelagic and estuarian species	909	256	948	219	4.3	-14.5
Soft Shell Clams	21	38	41	89	95.2	134.2
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	1	1	1	1	0.0	0.0
Scallops	102	150	78	110	-23.5	-26.7
Winkles	-	-	*	*	N/A	N/A
Lobsters	135	717	137	803	1.5	12.0
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	703	704	436	754	-38.0	7.1
Other mollusc and crustacean	2	3	-	-	N/A	N/A
Total mollusc and crustacean	964	1,613	693	1,757	-28.1	8.9
Other items	*	*	*	*	N/A	N/A
Total	2,836	2,335	2,266	2,348	-20.1	0.6

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

GASPESIE

TABLE 23

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
GROUNDFISH				
COD	1	.592	.546	-7.7
	2	.546	.600	9.8
	6	-	2.816	S/O
HADDOCK	1	.681	.640	-6.0
	2	.813	1.000	23.0
REDFISH	1	.264	.347	31.4
	2	.248	.340	37.0
HALIBUT	1	2.558	3.284	28.3
	2	2.389	2.688	12.5
PLAICE	1	.423	.542	28.1
	2	.366	.655	78.9
GREYSOLE (WITCH)	1	.832	.929	11.6
WINTER FLOUNDER	1	.572	.623	8.9
	2	-	.766	S/O
GREENLAND HALIBUT(TURBOT)	1	.623	.920	47.6
	2	.702	.881	25.4
WHITE HAKE	1	.215	.278	29.3
	2	.248	.258	4.0
CATFISH	1	.236	.234	-.8
	2	.290	.245	-15.5
PELAGIC AND ESTUARIAL FISH				
HERRING	1	.260	.247	-5.0
MACKEREL	1	.236	.230	-2.5
	2	.219	-	S/O

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

GASPESIE

TABLE 23 (continued)

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
TUNA, BLUEFIN	1	2.693	2.921	8.4
SMELTS	1	.674	.225	-66.6
CAPELIN	1	.219	-	S/O
MOLLUSCS AND CRUSTACEANS				
SCALLOP	1	12.241	15.578	27.2
	7	11.385	12.125	6.4
WHELK (WINKLE)	1	2.033	1.313	-35.4
LOBSTER	1	5.385	6.124	13.7
SHRIMP	1	1.320	1.720	30.3
	6	2.823	-	S/O
SNOW CRABS (QUEEN)	1	1.214	1.763	45.2

Relative importance of various fishing harbours in the Gaspé Peninsula

In 1986, the 10 leading harbours in terms of quantities landed and value were essentially the same as in 1985. With respect to the volume of landings, Anse-des-Méchins and Saint-Joachim-de-Tourelle were added to the list, while Newport-Îlots and Paspébiac were dropped from it. In terms of associated value, Rimouski and Anse-des-Méchins were added to the list.

The order of ranking of the leading harbours varied significantly. While Rivière-au-Renard still ranked first, with 12 644 m.t. (worth $10.3 million in associated value), the harbours in second and third place changed: Newport Pointe slightly outflanked Grande-Rivière, followed by Sainte-Thérèse, Matane and Cloridorme.

With regard to associated value, the leading harbours were Rivière-au-Renard, Grande-Rivière, Sainte-Thérèse, Matane, Newport Pointe and Ruisseau Chapados. A comparison with the 1985 list reveals that Sainte-Thérèse moved from fourth place to third, Matane from fifth to fourth, while Ruisseau Chapados ranked sixth.

Overall, the 10 leading harbours accounted for more than 80% of the tonnage and the value of landings in the Gaspé Peninsula. In Quebec as a whole, they accounted for nearly 50% of the tonnage and associated value of landings.

TABLE 24

GASPE PENINSULA

THE 10 LEADING LANDING POINTS. BY:

	QUANTITY (METRIC TONS) LIVE WEIGHT		% OF TOTAL		VALUE (THOUSANDS OF DOLLARS)		% OF TOTAL
(1)	Rivière-au-Renard	12,644	23.7	(1)	Rivière-au-Renard	10,273	21.1
(2)	Newport Pointe	7,295	13.7	(2)	Grande-Rivière	7,786	16.0
(3)	Grande-Rivière	7,019	13.2	(3)	Sainte-Thérèse	5,753	11.8
(4)	Sainte-Thérèse	4,570	8.6	(4)	Matane	3,960	8.1
(5)	Matane	3,063	5.7	(5)	Newport Pointe	3,351	6.9
(6)	Cloridorme	3,024	5.7	(6)	Ruisseau Chapados	2,840	5.8
(7)	Anse-des-Méchins	2,213	4.2	(7)	Sainte-Anne-des Monts	2,108	4.3
(8)	Sainte-Anne-des Monts	1,762	3.3	(8)	Anse-des-Méchins	1,635	3.4
(9)	Saint-Joachim-de-Tourelle	1,628	3.1	(9)	Cloridorme	1,554	3.2
(10)	Ruisseau Chapados	1,622	3.0	(10)	Rimouski East	1,218	2.5

NORTH SHORE

Landings

In the North Shore sector overall, landings in 1986 declined by nearly 8% in relation to 1985, compared with a downturn of less than 1% for Quebec as a whole. The sector accounted for 18.7% of all landings in the Quebec region; the associated value of such landings increased from $13.2 million in 1985 to $17.7 million in 1986, or 34%.

The downturn in landings can be explained by the poor season experienced by groundfish fishermen on the Lower North Shore where landings decreased by 42% in relation to 1985. The upturn in the associated value is attributable to the landed prices for crab and Greenland halibut (turbot).

The North Shore sector introduced a new type of fishing, which had a positive effect, especially on the Upper and Middle North Shore. In mid-August, fishermen seeking groundfish concentrated on Greenland halibut (turbot); they caught 903 m.t. of fish, compared with 264 m.t. in 1985, a 242% increase. The associated value of the catches rose from $153 000 in 1985 to $710 000 in 1985, a 364% increase.

In the same sector, fishermen also started to catch lumpfish, from which they extracted the eggs. In light of the results obtained, fishing for this species in the coming years may well intensify.

Catches of scallops, lobster and shrimp on the North Shore overall increased appreciably (26%), totalling 2 030 m.t. in 1986, compared with 1 613 m.t. in 1985. Landings of small pelagic species increased by at least 31% in relation to 1985, totalling 985 m.t. in 1986.

The Upper North Shore accounted for 15.7% of all landings; the Middle North Shore, 44.7%; and the Lower North Shore, 39.6%.

Sept-Îles and Havre-Saint-Pierre were the leading harbours on the North Shore and ranked sixth and tenth, respectively, in terms of quantities landed in Quebec as a whole, and ninth and sixth in terms of associated value.

The average price of cod, the principal species caught on the North Shore, increased to $0.50/kilogram (live weight) in 1986, compared with $0.37/kilogram in 1985. The average price of snow crab rose by 70% in relation to 1985, from $1.00 to $1.70/kilogram (live weight), while that for herring increase from $0.24 to $0.27/kilogram, the same increase as in 1985.

The average price paid for whelks and scallops remained unchanged in 1986. However, the average price for lobster, shrimp and soft shell clams rose slightly.

TABLE 25

LANDINGS ON THE NORTH-SHORE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	8,808	3,306	6,051	2,911	-31.3	-11.9
Haddock	-	-	2	1	#VALEUR!	N/A
Redfish	46	11	122	49	165.2	345.5
Atlantic Halibut	29	99	39	120	34.5	21.2
American Plaice	148	77	223	141	50.7	83.1
Greysole	2	1	*	*	N/A	N/A
Winter Flounder	-	-	5	1	N/A	N/A
Unspecified Flounders	2	1	-	-	N/A	N/A
Greenland Halibut	264	153	903	710	242.0	364.1
White Hake	-	-	9	2	N/A	N/A
Catfish	-	-	8	1	N/A	N/A
Other groundfish	1	*	10	6	N/A	N/A
Total groundfish	9,300	3,648	7,372	3,942	-20.7	8.1
Herring	601	159	717	185	19.3	16.4
Mackerel	70	23	180	52	157.1	126.1
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	72	556	86	562	19.4	1.1
Smelts	-	-	*	*	N/A	N/A
Capelin	7	3	*	*	N/A	N/A
Other pelagic and estuarian species	*	1	2	6	N/A	N/A
Total pelagic and estuarian species	750	742	985	805	31.3	8.5
Soft Shell Clams	692	404	757	496	9.4	22.8
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	*	1	*	*	N/A	N/A
Scallops	630	835	825	1,056	31.0	26.5
Winkles	129	37	630	184	388.4	397.3
Lobsters	93	555	130	792	39.8	42.7
Shrimp	890	1,306	1,075	1,807	20.8	38.4
Snow Crabs	5,437	5,526	5,030	8,547	-7.5	54.7
Other mollusc and crustacean	278	145	3	2	-98.9	-98.6
Total mollusc and crustacean	8,149	8,809	8,450	12,884	3.7	46.3
Other items	-	-	34	42	N/A	N/A
Total	18,199	13,199	16,841	17,673	-7.5	33.9

FIGURE 43

1985-86 Distribution of Landings by Species Group on North-Shore

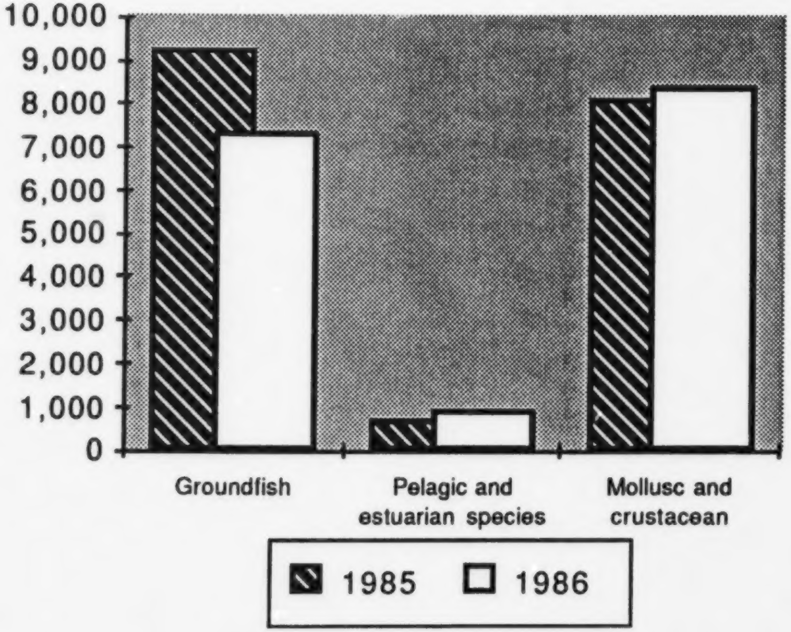
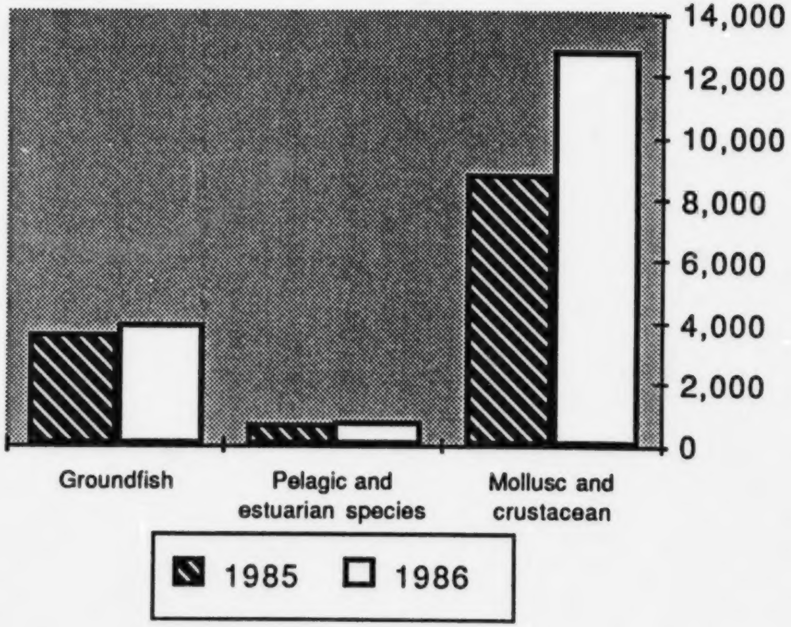


FIGURE 44

1985-86 Distribution of Landings Value by Species Group on North-Shore



Landings by category of boat length - North Shore sector

While boats between 35 feet and 64 feet 11 inches clearly predominated in the Gaspé Peninsula, they were somewhat less prevalent on the North Shore.

Boats in this category accounted for 56% of quantities landed on the North Shore in 1986, and 49% in 1985. Vessels under 35 feet in length accounted for 40% of landings in 1986, and 48% in 1985.

Associated values should follow the same trends. Landings effected by boats under 35 feet in length accounted for 30% of associated value in 1986, and 39% in 1985, while boats between 35 feet and 64 feet 11 inches in length accounted for 65% of associated value in 1986, and 58% in 1985.

Boats between 35 feet and 64 feet 11 inches ranked first in terms of landings of molluscs and crustaceans (68% of total landings, by volume, in 1986, and 73% in 1985). The same fleet accounted for 74% of associated value in 1986, and 73% in 1985.

TABLE 25A

LANDINGS IN THE NORTH-SHORE

BY BOAT LENGTH IN 1986

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	Less than 35' Quantity	Less than 35' Value	From 35' to 64'11" Quantity	From 35' to 64'11" Value	More than 65' Quantity	More than 65' Value	Total by species Quantity	Total by species Value
Cod	3,257	1,575	2,620	1,246	174	91	6,051	2,912
Haddock	•	•	2	1	•	•	2	1
Redfish	5	2	97	37	20	9	122	48
Atlantic Halibut	26	79	12	37	1	4	39	120
American Plaice	24	13	177	113	22	15	223	141
Greysole	•	•	•	•	-	-	•	•
Winter Flounder	4	1	•	•	-	-	4	1
Unspecified Flounders	-	-	-	-	-	-	-	-
Greenland Halibut	123	93	736	588	45	30	904	711
White Hake	5	1	4	1	•	•	9	2
Catfish	7	1	1	•	-	-	8	1
Other groundfish	7	3	4	2	•	•	11	5
Total groundfish	3,458	1,768	3,653	2,025	262	149	7,373	3,942
Herring	664	170	53	15	-	-	717	185
Mackerel	179	52	1	•	-	-	180	52
Tuna, Bluefin	-	-	-	-	-	-	-	-
Eels	-	-	-	-	-	-	-	-
Salmon	85	559	1	3	-	-	86	562
Smelts	•	•	-	-	-	-	•	•
Capelin	•	•	-	-	-	-	•	•
Other pelagic and estuarian species	2	6	•	•	-	-	2	6
Total pelagic and estuarian species	930	787	55	18	-	-	985	805
Soft Shell Clams	757	496	-	-	-	-	757	496
Quahaugs Clams	-	-	-	-	-	-	-	-
Mussels	•	•	-	-	-	-	•	•
Scallops	322	435	503	622	-	-	825	1,057
Winkles	562	161	69	23	-	-	631	184
Lobsters	104	626	26	165	-	-	130	791
Shrimp	20	35	712	1,204	342	568	1,074	1,807
Snow Crabs	593	1,037	4,436	7,510	1	1	5,030	8,548
Other mollusc and crustacean	2	1	•	•	-	-	2	1
Total mollusc and crustacean	2,360	2,791	5,746	9,524	343	569	8,449	12,884
Other items	29	36	5	5	-	-	34	41
Total	6,777	5,382	9,459	11,572	605	718	16,841	17,672

FIGURE 45

1986 Distribution of Landings by Length Boat on North-Shore

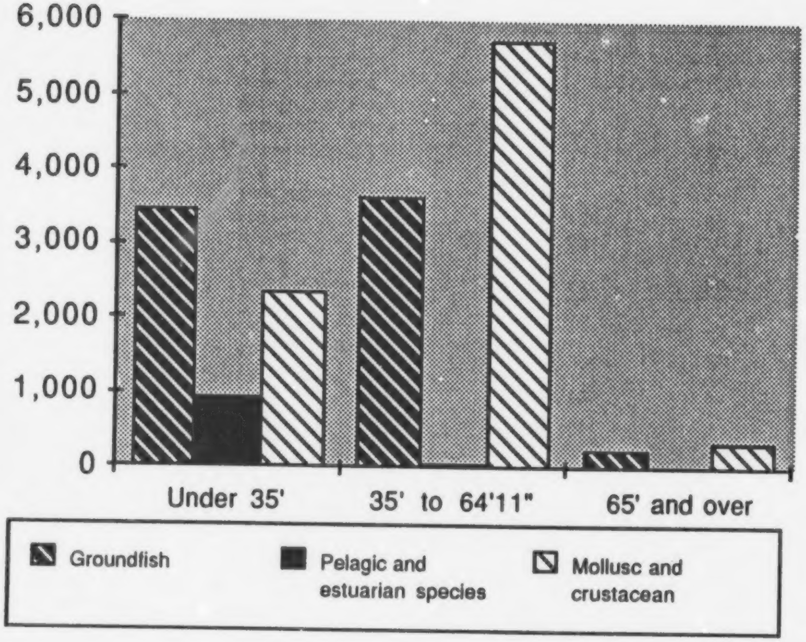


FIGURE 46

1986 Distribution of Landings Value by Length Boat on North-Shore

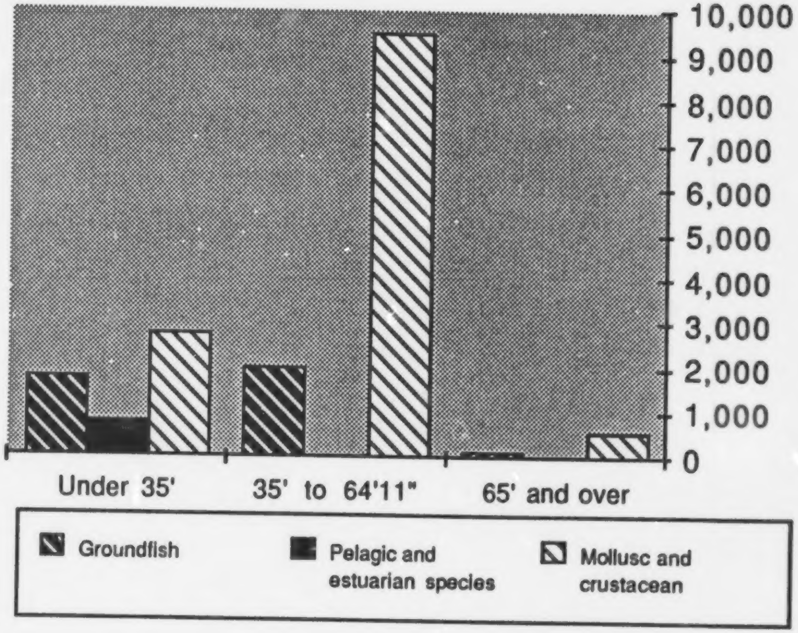


TABLE 25B

LANDINGS IN THE NORTH-SHORE

BY BOAT LENGTH IN 1985

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	Less than 35' Quantity	Less than 35' Value	From 35' to 64'11" Quantity	From 35' to 64'11" Value	More than 65' Quantity	More than 65' Value	Total by species Quantity	Total by species Value
Cod	5,997	2,284	2,654	955	156	66	8,807	3,305
Haddock	-	-	-	-	-	-	-	-
Redfish	2	1	33	8	12	2	47	11
Atlantic Halibut	23	74	5	23	1	2	29	99
American Plaice	15	6	105	56	28	16	148	78
Greysole	-	-	1	*	1	1	2	1
Winter Flounder	-	-	-	-	-	-	-	-
Unspecified Flounders	-	-	2	1	-	-	-	-
Greenland Halibut	12	5	213	132	39	16	264	153
White Hake	-	-	-	-	-	-	-	-
Catfish	-	-	-	-	-	-	-	-
Other groundfish	1	*	*	*	-	-	1	*
Total groundfish	6,050	2,370	3,013	1,175	237	103	9,298	3,647
Herring	580	154	20	6	-	-	600	160
Mackerel	70	22	1	*	-	-	71	22
Tuna, Bluefin	-	-	-	-	-	-	-	-
Eels	-	-	-	-	-	-	-	-
Salmon	72	556	*	*	-	-	72	556
Smelts	-	-	-	-	-	-	-	-
Capelin	6	3	1	*	-	-	7	3
Other pelagic and estuarian species	*	*	*	*	-	-	*	*
Total pelagic and estuarian species	728	735	22	6	-	-	750	741
Soft Shell Clams	692	403	*	*	-	-	692	403
Quahaugs Clams	-	-	-	-	-	-	-	-
Mussels	1	1	-	-	-	-	1	1
Scallops	286	378	343	458	-	-	629	836
Winkles	119	34	10	3	-	-	129	37
Lobsters	69	403	24	152	-	-	93	555
Shrimp	17	28	582	901	291	377	890	1,306
Snow Crabs	462	570	4,975	4,956	-	-	5,437	5,526
Other mollusc and crustacean	278	145	-	-	-	-	278	145
Total mollusc and crustacean	1,924	1,962	5,934	6,470	291	377	8,149	8,809
Other items	29	36	5	5	-	-	34	41
Total	8,731	5,103	8,974	7,656	528	480	18,231	13,238

TABLE 26

LANDINGS IN UPPER NORTH-SHORE
TADOUSSAC TO GALLIX

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	379	191	493	262	30.1	37.2
Haddock	-	-	-	-	N/A	N/A
Redfish	2	1	5	2	150.0	100.0
Atlantic Halibut	5	18	7	21	40.0	16.7
American Plaice	7	3	22	12	214.3	300.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	*	*	-	-	N/A	N/A
Greenland Halibut	83	55	287	239	245.8	334.5
White Hake	-	-	3	1	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	1	*	*	*	N/A	N/A
Total groundfish	476	268	816	537	71.4	100.4
Herring	187	57	222	72	18.7	26.3
Mackerel	5	1	6	2	20.0	100.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	19	149	15	147	-21.1	-1.3
Smelts	-	-	-	-	N/A	N/A
Capelin	7	3	*	*	N/A	N/A
Other pelagic and estuarian species	*	*	*	*	N/A	N/A
Total pelagic and estuarian species	218	212	243	221	11.5	4.2
Soft Shell Clams	691	403	757	496	9.6	23.1
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	*	1	*	*	N/A	N/A
Scallops	132	176	93	127	-29.5	-27.8
Winkles	85	23	163	55	91.8	139.1
Lobsters	1	8	2	9	100.0	12.5
Shrimp	8	13	26	50	225.0	284.6
Snow Crabs	810	964	541	929	-33.2	-3.6
Other mollusc and crustacean	278	145	3	2	-98.9	-98.6
Total mollusc and crustacean	2,006	1,734	1,585	1,668	-21.0	-3.8
Other items	-	-	-	-	N/A	N/A
Total	2,700	2,213	2,644	2,426	-2.1	9.6

TABLE 27

LANDINGS IN MIDDLE NORTH-SHORE SEPT-ILES TO POINTE-PARENT, INCLUDING ANTICOSTI ISLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	2,748	1,076	2,278	1,190	-17.1	10.6
Haddock	-	-	2	1	N/A	N/A
Redfish	44	10	108	43	145.5	330.0
Atlantic Halibut	23	79	30	92	30.4	16.5
American Plaice	141	75	200	129	41.8	72.0
Greysole	2	1	•	•	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	2	1	-	-	N/A	N/A
Greenland Halibut	180	97	616	471	242.2	385.6
White Hake	-	-	4	1	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	4	2	N/A	N/A
Total groundfish	3,139	1,338	3,242	1,930	3.3	44.2
Herring	80	27	81	21	1.3	-22.2
Mackerel	6	2	9	3	50.0	50.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	25	269	30	224	20.0	-16.7
Smelts	-	-	•	•	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	•	•	N/A	N/A
Total pelagic and estuarian species	120	298	120	247	0.0	-17.1
Soft Shell Clams	•	•	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	383	521	488	682	27.4	30.9
Winkles	45	14	466	129	N/A	N/A
Lobsters	48	289	73	460	52.1	59.2
Shrimp	883	1,294	1,049	1,756	18.8	35.7
Snow Crabs	2,087	2,327	2,097	3,866	0.5	66.1
Other mollusc and crustacean	-	-	•	•	N/A	N/A
Total mollusc and crustacean	3,446	4,444	4,173	6,894	21.1	55.1
Other items	-	-	1	•	N/A	N/A
Total	6,706	6,080	7,535	9,071	12.4	49.2

TABLE 28

LANDINGS IN LOWER NORTH-SHORE

KÉGASKA TO BLANC SABLON

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	Value	1986 Quantity	Value	Var. in % Quantity	Value
Cod	5,682	2,039	3,280	1,459	-42.3	-28.4
Haddock	-	-	•	•	N/A	N/A
Redfish	-	-	9	3	N/A	N/A
Atlantic Halibut	1	3	2	6	100.0	100.0
American Plaice	•	•	1	•	N/A	N/A
Greysole	-	-	•	•	N/A	N/A
Winter Flounder	-	-	5	1	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	1	•	•	•	N/A	N/A
White Hake	-	-	3	•	N/A	N/A
Catfish	-	-	8	1	N/A	N/A
Other groundfish	-	-	6	3	N/A	N/A
Total groundfish	5,684	2,042	3,314	1,475	-41.7	-27.8
Herring	335	75	415	92	23.9	22.7
Mackerel	59	20	166	47	181.4	135.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	19	138	40	191	110.5	38.4
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	2	6	N/A	N/A
Total pelagic and estuarian species	412	232	623	337	51.2	45.3
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	114	139	244	248	114.0	78.4
Winkles	-	-	1	•	N/A	N/A
Lobsters	44	257	56	322	27.3	25.3
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	2,539	2,235	2,392	3,752	-5.8	67.9
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	2,698	2,631	2,692	4,322	-0.2	64.3
Other items	-	-	34	41	N/A	N/A
Total	8,794	4,906	6,663	6,176	-24.2	25.9

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

NORTH-SHORE
TABLE 29
($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
GROUNDFISH				
COD	1	.389	.475	22.1
	2	.433	.565	30.4
	3	-	.525	S/O
	4	.596	.811	36.0
	5	1.011	1.228	21.4
	7	2.683	-	S/O
	8	1.613	-	S/O
HADDOCK	1	-	.441	S/O
	2	-	.619	S/O
REDFISH	1	.242	.399	64.8
	2	.215	.331	53.9
HALIBUT	1	3.797	3.076	-18.9
	2	5.525	4.610	-16.5
	3	3.146	3.315	5.3
PLAICE	1	.529	.633	19.6
	2	.601	.742	23.4
GREYSOLE (WITCH)	1	.416	.750	80.2
	2	.599	.220	-63.2
WINTER FLOUNDER	1	-	.325	S/O
	2	-	.213	S/O
GREENLAND HALIBUT(TURBOT)	1	.604	.790	30.7
	2	.530	.886	67.1
	3	-	3.311	S/O
UNSP. FLOUNDERS	1	.551	-	S/O
WHITE HAKE	1	-	.299	S/O
	2	-	.166	S/O
	4	-	.378	S/O

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

NORTH-SHORE

TABLE 29 (continued)

($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
CATFISH	1	-	.175	S/O
	2	-	.218	S/O
PELAGIC AND ESTUARIAL FISH				
HERRING	1	.239	.225	-5.8
MACKEREL	1	.264	.182	-31.0
SALMON	1	7.461	5.454	-26.8
	2	6.009	6.197	3.1
	7	-	5.500	S/O
SMELTS	1	-	2.900	S/O
CAPELIN	1	.519	-	S/O
	7	-	9.500	S/O
MOLLUSCS AND CRUSTACEANS				
SOFT SHELL CLAMS	1	.581	.664	14.2
MUSSEL	1	2.194	.685	-68.7
SCALLOP	1	.869	.900	3.5
	7	11.106	11.208	.9
WHELK (WINKLE)	1	.330	.287	-13.0
LOBSTER	1	5.862	6.109	4.2
SHRIMP	1	1.392	1.705	22.4
	6	1.664	1.791	7.6
SNOW CRABS (QUEEN)	1	.996	1.691	69.7

Relative importance of various fishing harbours on the North Shore

Sept-Îles, Havre-Saint-Pierre and Mingan headed the list of leading harbours in terms of the quantities landed and value. However, it should be noted that landings recorded in Sept-Îles and Havre-Saint-Pierre accounted for 31% of total landings on the North Shore.

Moreover, Mingan rose from eighth place in 1985 to third place in 1986, with a slight increase in landings of 7 m.t.; this jump clearly indicates the small discrepancies between harbours.

With regard to associated value, Havre-Saint-Pierre ranked first ($3.4 million), followed by Sept-Îles ($3.0 million).

In 1986, the associated value of landings effected in Havre-Saint-Pierre rose by more than 86% over the preceding year, from $1.8 million to $3.4 million.

Havre-Saint-Pierre and Sept-Îles together accounted for nearly 36% of landed value on the North Shore overall; this figure rises to 42.6% if Mingan is included.

TABLE 30

NORTH SHORE

THE 10 LEADING LANDING POINTS, BY:

QUANTITY (METRIC TONS) LIVE WEIGHT		% OF TOTAL	VALUE (THOUSANDS OF DOLLARS)		% OF TOTAL
(1) Sept-Iles	3,341	19.8	(1) Havre-Saint-Pierre	3,353	19.0
(2) Havre-Saint-Pierre	1,887	11.2	(2) Sept-Iles	2,986	16.9
(3) Mingan	948	5.6	(3) Mingan	1,194	6.8
(4) Rivière-Saint-Paul	925	5.5	(4) Rivière-Saint-Paul	1,108	6.3
(5) Harrington	904	5.4	(5) Rivière-au-Tonnerre	945	5.3
(6) Portneuf	891	5.3	(6) Old Fort	893	5.1
(7) Old Fort	850	5.0	(7) La Tabatière	813	4.6
(8) Blanc-Sablon	625	3.7	(8) Portneuf	668	3.8
(9) La Tabatière	615	3.7	(9) Harrington	579	3.3
(10) Port-Cartier	608	3.6	(10) Middle Bay	575	3.3

MAGDALEN ISLANDS

Landings

The Magdalen Islands sector accounted for 21% (19 201 m.t.) of all fish landed in Quebec in 1986, worth $17.8 million.

The quantities landed and the associated value increased by 9% and 16%, respectively, in relation to 1985.

Groundfish accounted for 68% of the volume of total landings in the Magdalen Islands. Ocean perch was the leading species in terms of quantities landed; landings increased by 6%, and associated value by nearly 13%.

Landings of cod jumped by 97% in terms of volume, and 172% in terms of value. All told, Magdalen Island fishermen landed 2 581 m.t. of cod.

Landings of American plaice, totalling 1 042 m.t., were up 26%; the associated value rose by 109%. A marked increase in prices and technological changes achieved with the introduction of the Scottish seine largely contributed to improved groundfish catches in 1986.

Mackerel regained its traditional position; landings totalled 2 367 m.t., a 42% increase over 1985. Prices were slightly lower than in 1985, although the total value of catches rose by 32% in relation to 1985. The volume of herring catches increased by 117%, although catches of this species were less extensive.

Lobster catches continued to rise in 1986, reaching 1 581 m.t., an 8% increase over 1985. The associated value of these landings rose 21%, to $9.4 million.

In 1986, crab fishermen in the Magdalen Islands started the season three weeks later than fishermen in other sectors, because of ice. As a result, landings of crab fell by 47%, to 1 496 m.t., worth nearly $3 million, an overall decline of nearly 14% in relation to 1985.

Landings of scallops were also markedly lower in 1986; landings fell by 58%, and associated value by 56%, as a result of reduced stocks and less assiduous fishing of the species.

TABLE 31

LANDINGS IN THE MAGDALEN ISLANDS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	1,308	489	2,581	1,332	97.3	172.4
Haddock	1	*	39	30	N/A	N/A
Redfish	8,655	1,900	9,150	2,137	5.7	12.5
Atlantic Halibut	23	96	20	58	-13.0	-39.6
American Plaice	830	294	1,042	615	25.5	109.2
Greysole	*	*	3	2	N/A	N/A
Winter Flounder	-	-	118	66	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	60	9	94	15	56.7	66.7
Catfish	-	-	2	*	N/A	N/A
Other groundfish	-	-	33	9	N/A	N/A
Total groundfish	10,877	2,788	13,083	4,263	20.3	52.9
Herring	151	47	328	108	117.2	129.8
Mackerel	1,665	510	2,367	673	42.2	32.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	1	2	1	1	0.0	-50.0
Salmon	-	-	-	-	N/A	N/A
Smelts	6	14	2	2	-66.7	-85.7
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	1,823	573	2,698	784	48.0	36.8
Soft Shell Clams	9	16	22	29	144.4	81.3
Quahaugs Clams	15	15	64	45	326.7	200.0
Mussels	2	2	14	26	N/A	N/A
Scallops	547	809	232	356	-57.6	-56.0
Winkles	-	-	11	2	N/A	N/A
Lobsters	1,458	7,718	1,581	9,365	8.4	21.3
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	2,833	3,428	1,496	2,966	-47.2	-13.5
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	4,864	11,988	3,420	12,789	-29.7	6.7
Other items	-	-	-	-	N/A	N/A
Total	17,564	15,349	19,201	17,836	9.3	16.2

FIGURE 47

1985-86 Distribution of Landings
by Species Group
in Magdalen Islands

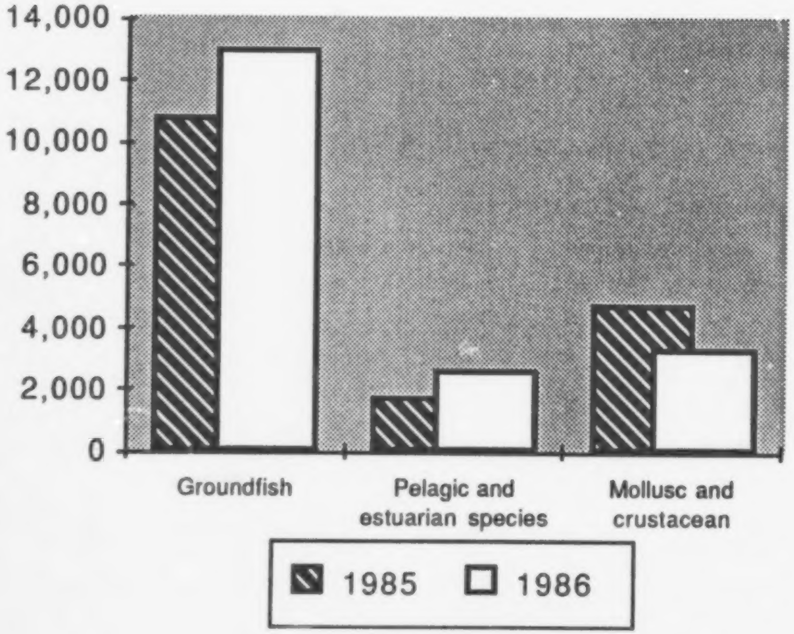
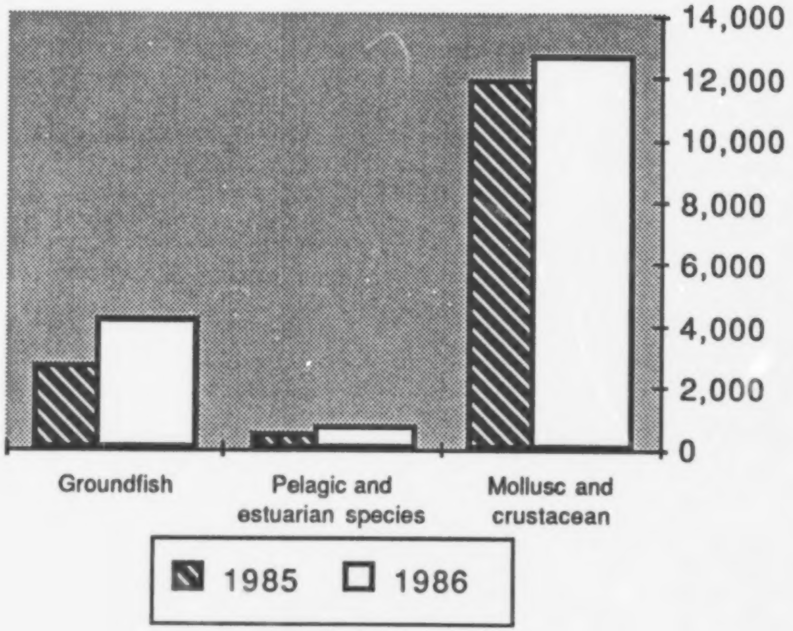


FIGURE 48

1985-86 Distribution of Landings
Value by Species Group
in Magdalen Islands



Landings by category of boat length - Magdalen Islands sector

In the Magdalen Islands sector, landings were fairly evenly distributed among fishing boats under 35 feet in length and those between 35 feet and 64 feet 11 inches in length.

Landings effected by vessels under 35 feet in length accounted for 28% of the overall volume recorded in 1986, while those effected by boats between 35 feet and 64 feet 11 inches in length accounted for 21%. Boats 65 feet and over accounted for 52% of the quantities landed in 1986, primarily with respect to groundfish. Landings were distributed in a similar fashion among various categories of boats in the Magdalen Islands in 1985, when vessels under 35 feet in length accounted for 24%, boats between 35 feet and 64 feet 11 inches, 24%, and those 65 feet and over, 52%.

In terms of associated value, boats under 35 feet in length accounted for nearly 45% in 1985; boats between 35 feet and 64 feet 11 inches, 40%; and boats 65 feet and over, 16%.

Corresponding percentages in 1986 varied only slightly. For the Magdalen Islands as a whole, fishing boats under 35 feet in length accounted for 47% of associated value, those between 35 feet and 64 feet 11 inches, 38%, and those 65 feet and over, 15%.

Boats under 35 feet in length accounted for 38% of the quantities of molluscs and crustaceans landed, and for 52% of the associated value of these species;

vessels between 35 feet and 64 feet 11 inches in length accounted for 57% of all landings in the Magdalen Islands, or 45% of the associated value; boats 65 feet and over accounted for slightly more than 5% of landings, and 3% of the associated value.

TABLE 31A

LANDINGS IN THE MAGDALEN ISLANDS

BY BOAT LENGTH IN 1986

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	Less than 35'		From 35' to 64'11"		More than 65'		Total by species	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	1,174	651	818	464	588	216	2,580	1,331
Haddock	7	5	32	25	*	*	39	30
Redfish	-	-	2	1	9,136	2,136	9,138	2,137
Atlantic Halibut	8	30	2	6	10	23	20	59
American Plaice	550	273	488	341	5	1	1,043	615
Greysole	-	-	1	1	2	1	3	2
Winter Flounder	*	*	118	66	-	-	118	66
Unspecified Flounders	-	-	-	-	-	-	-	-
Greenland Halibut	-	-	-	-	-	-	-	-
White Hake	79	12	15	3	*	*	94	3
Catfish	-	-	-	-	-	-	-	-
Other groundfish	-	-	22	8	11	1	33	9
Total groundfish	1,818	971	1,498	915	9,752	2,378	13,068	4,252
Herring	324	107	4	1	-	-	328	108
Mackerel	1,836	522	531	151	-	-	2,367	673
Tuna, Bluefin	-	-	-	-	-	-	-	-
Eels	1	1	-	-	-	-	1	1
Salmon	-	-	-	-	-	-	-	-
Smelts	2	2	-	-	-	-	2	2
Capelin	-	-	-	-	-	-	-	-
Other pelagic and estuarian species	-	-	-	-	-	-	-	-
Total pelagic and estuarian species	2,163	632	535	152	-	-	2,698	784
Soft Shell Clams	22	29	-	-	-	-	22	29
Quahaugs Clams	64	45	-	-	-	-	64	45
Mussels	14	26	-	-	-	-	14	26
Scallops	115	183	118	174	-	-	233	357
Winkles	9	2	1	*	-	-	10	2
Lobsters	1,073	6,382	508	2,983	-	-	1,581	9,365
Shrimp	-	-	-	-	-	-	-	-
Snow Crabs	16	35	1,308	2,588	172	342	1,496	2,965
Other mollusc and crustacean	-	-	-	-	-	-	-	-
Total mollusc and crustacean	1,313	6,702	1,935	5,745	172	342	3,420	12,789
Other items	-	-	-	-	-	-	-	-
Total	5,294	8,305	3,968	6,812	9,924	2,720	19,186	17,825

FIGURE 49

1986 Distribution of Landings by Length Boat in Magdalen Islands

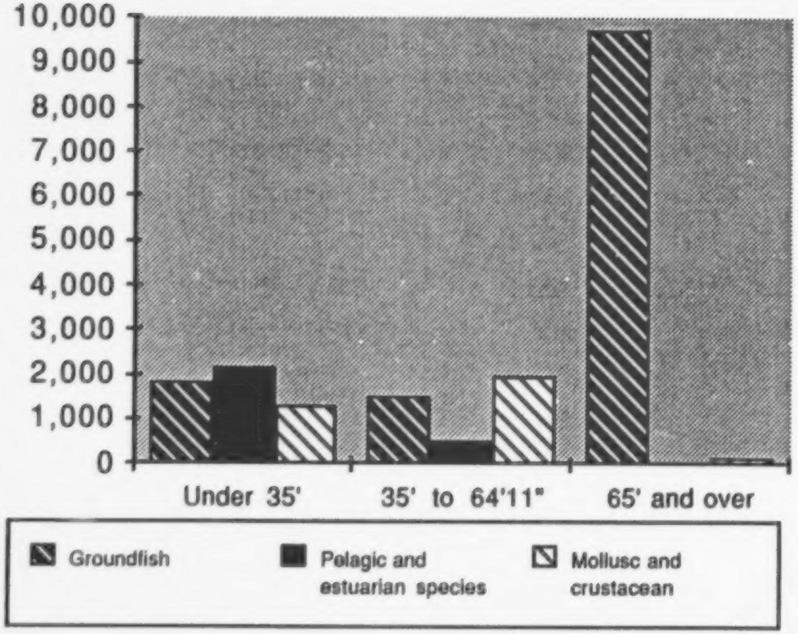


FIGURE 50

1986 Distribution of Landings Value by Length Boat in Magdalen Islands

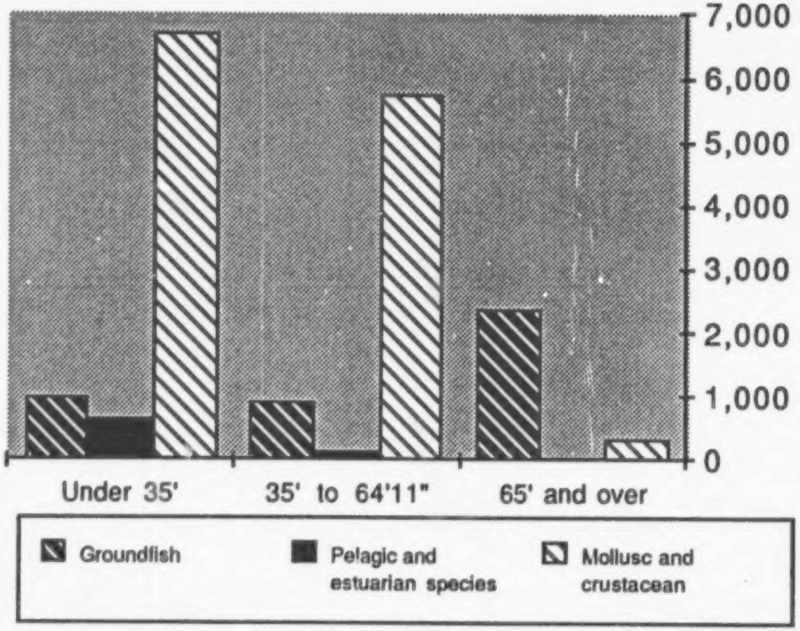


TABLE 31B

LANDINGS IN THE MAGDALEN ISLANDS

BY BOAT LENGTH IN 1985

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	Less than 35'		From 35' to 64'11"		More than 65'		Total by species	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	809	307	469	170	31	12	1,309	489
Haddock	•	•	•	•	-	-	•	•
Redfish	-	-	-	-	8,654	1,900	8,654	1,900
Atlantic Halibut	17	78	1	4	5	15	23	97
American Plaice	662	228	168	66	-	-	830	294
Greysole	•	•	-	-	-	-	-	•
Winter Flounder	-	-	-	-	-	-	-	-
Unspecified Flounders	-	-	-	-	-	-	-	-
Greenland Halibut	-	-	-	-	-	-	-	-
White Hake	49	7	11	2	-	-	60	9
Catfish	-	-	-	-	-	-	-	-
Other groundfish	•	•	-	-	-	-	•	•
Total groundfish	1,537	620	649	242	8,690	1,927	10,876	2,789
Herring	151	47	-	-	-	-	151	47
Mackerel	1,196	366	469	144	-	-	1,665	510
Tuna, Bluefin	-	-	-	-	-	-	-	-
Eels	1	2	-	-	-	-	1	2
Salmon	-	-	-	-	-	-	-	-
Smelts	6	13	-	-	-	-	6	13
Capelin	-	-	-	-	-	-	-	-
Other pelagic and estuarian species	-	-	-	-	-	-	-	-
Total pelagic and estuarian species	1,354	428	469	144	-	-	1,823	572
Soft Shell Clams	9	16	-	-	-	-	9	16
Quahaugs Clams	15	15	-	-	-	-	15	15
Mussels	2	2	-	-	-	-	2	2
Scallops	199	304	347	504	-	-	546	808
Winkles	-	-	-	-	-	-	-	-
Lobsters	1,023	5,444	435	2,274	-	-	1,458	7,718
Shrimp	-	-	-	-	-	-	-	-
Snow Crabs	18	30	2,402	2,910	414	489	2,834	3,429
Other mollusc and crustacean	-	-	-	-	-	-	-	-
Total mollusc and crustacean	1,266	5,811	3,184	5,688	414	489	4,864	11,988
Other items	-	-	-	-	-	-	-	-
Total	4,157	6,859	4,302	6,074	9,104	2,416	17,563	15,349

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

MAGDALEN ISLANDS
TABLE 32
($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
GROUNDFISH				
COD	1	.376	.382	1.5
	2	.428	.689	60.9
	3	.461	-	S/O
HADDOCK	1	.374	.724	93.5
	2	-	.949	S/O
REDFISH	1	.219	.233	6.3
HALIBUT	1	3.041	2.382	-21.6
PLAICE	1	.395	.689	74.4
GREYSOLE (WITCH)	1	.416	.523	25.7
WINTER FLOUNDER	1	-	.558	S/O
WHITE HAKE	1	.146	.170	16.4
	2	.178	.186	4.4
CATFISH	1	-	.176	S/O
PELAGIC AND ESTUARIAL FISH				
HERRING	1	.219	.230	5.0
MACKEREL	1	.286	.237	-17.1
	3	.460	.439	-4.5
MOLLUSCS AND CRUSTACEANS				
QUAHAUGS CLAMS	1	-	.456	S/O
SCALLOP	7	12.036	12.263	1.8

QUEBEC MARINE FISHERIES
LANDING AVERAGE PRICE BY SPECY
(EXCLUDING SUPPLEMENTARY SLIPS)

QUEBEC REGION

MAGDALEN ISLANDS
TABLE 32 (continued)
($ / KILOGRAM)

SPECIES	LANDED FORM DESCRIPTION	1985 (FINAL)	1986 (FINAL)	VARIATION EN %
WHELK (WINKLE)	1	-	.217	S/O
LOBSTER	1	5.287	5.918	11.9
SNOW CRABS (QUEEN)	1	1.207	1.979	63.9

Relative importance of various fishing harbours in the Magdalen Islands

An analysis of the leading harbours in the Magdalen Islands reveals that Cap-aux-Meules alone accounted for more than 60% of the quantities of marine products landed in this sector. Millerand, Havre-Aubert and Étang-du-Nord followed, with quantities in excess of 1 000 m.t.

Ranking in terms of quantities landed and landed values is not the same. While Cap-aux-Meules continued to rank first, Grande-Entrée ranked second. It should also be noted that a broader distribution of landed values occurred in various Magdalen Island harbours. Nonetheless, Cap-aux-Meules accounted for slightly more than 33% of the associated value.

TABLE 33

MAGDALEN ISLANDS

THE 10 LEADING LANDING POINTS. BY:

QUANTITY (METRIC TONS) LIVE WEIGHT		% OF TOTAL	VALUE (THOUSANDS OF DOLLARS)		% OF TOTAL
(1) Cap-aux-Meules	11,774	61.3	(1) Cap-aux-Meules	5,938	33.3
(2) Millerand	1,825	9.5	(2) Grande-Entrée	3,343	18.7
(3) Havre-Aubert	1,614	8.4	(3) Havre-Aubert	1,798	10.1
(4) Etang-du-Nord	1,393	7.3	(4) Etang-du-Nord	1,616	9.1
(5) Grande-Entrée	855	4.5	(5) Millerand	1,371	7.7
(6) Grosse-Ile	699	3.6	(6) Grosse-Ile	1,125	6.3
(7) Pointe-Basse	379	2.0	(7) Pointe-Basse	852	4.8
(8) Pointe-au-Loup	180	9.5	(8) Old Harry	627	3.5
(9) Ile-d'Entrée	161	0.9	(9) Ile-d'Entrée	526	2.9
(10) Havre-aux-Maisons	141	0.7	(10) Havre-aux-Maisons	240	1.3

ST. LAWRENCE SECTOR

Little fishing was carried on in the St. Lawrence sector, which has a limited number of fishermen, buyers and producers. Rules governing confidentiality prevent us from presenting various tables on landings.

The St. Lawrence sector extends from Anse-à-Gilles to Cap-à-l'Orignal on the south shore of the St. Lawrence, and from Cap-Tourmente to Baie-Sainte-Catherine on the north shore.

In 1986, there were 92 fishermen, 8 buyers and 22 producers in the territory. With the exception of the number of producers, unchanged in relation to the preceding year, in 1986 the number of fishermen dropped by 16% compared with 1985; the number of buyers rose from seven in 1985 to eight in 1986.

Landings in the St. Lawrence sector in 1986 (645 m.t., worth $1.7 million) accounted for slightly less than 1% of total quantities landed in Quebec, and for 2% of the associated value.

REPORTING

DISTRICTS

TABLE 34

NUMBER OF FISHERMEN IN 1985 AND 1986. BY REPORTING DISTRICT

REPORTING DISTRICT				
NUMBER	DESCRIPTION	1985	1986	Δ %
1	Anse-à-Gilles to Pointe-Rouge	3	1	-67
2	Pointe-Rouge to Notre-Dame-du-Portage	14	11	-21
3	Notre-Dame-du-Portage to Cap-à-l'Orignal	112	96	-14
4	Sainte-Flavie to the eastern bondary of Matane county	266	257	-3
5	Cap-Chat to Duchesnay	274	252	-8
6	Duchesnay to Saint-Hélier	301	267	-11
7	Saint-Hélier to Petite-Rivière-au-Renard	178	161	-10
8	Petite-Rivière-au-Renard to Cap-des-Rosiers	302	315	4
9	Cap-Gaspé to Pointe-Saint-Pierre	251	196	-22
10	Pointe-Saint-Pierre to Brèche-à-Manon	349	315	-10
11	Brèche-à-Manon to Pointe-Maquereau	562	525	-7
12	Pointe-Maquereau to New Carlisle	316	322	2
13	New Carlisle to Grande-Cascapédia River	115	79	-31
14	Grande-Cascapédia River to Pointe-Miguasha	89	83	-7
15	Pointe-Miguasha to Restigouche River	3	2	-33
16	Cap-Tourmente to Saguenay River	20	16	-20
17	Saguenay River to Bersimis	134	108	-19
18	Bersimis to Sainte-Marguerite River	297	240	-19
19	Sainte-Marguerite River to Rivière-Pigou	306	231	-25
20	Rivière-Pigou to Havre-Saint-Pierre	192	166	-14
21	Havre-Saint-Pierre to Rivière-Kégaska	146	151	3
22	Rivière-Kégaska to Baie-des-Moutons	299	305	2
23	Baie-des-Moutons to Bonne-Espérance	604	603	●
24	Bonne-Espérance to Blanc-Sablon	325	308	-5
25	Anticosti Island	9	9	s/o
26	Magdalen Islands, Northern Division	534	566	6
27	Île-du-Havre-Aubert to Île-d'Entrée	303	300	-1
28	Île-de-Cap-aux-Meules	326	299	-8
	Other	65	53	-19
TOTAL		6,695	6,237	-7

TABLE 34A

NUMBER OF FISHERMEN-OWNERS IN 1985 AND 1986. BY REPORTING DISTRICT

REPORTING DISTRICT				
NUMBER	DESCRIPTION	1985	1986	Δ %
1	Anse-à-Gilles to Pointe-Rouge	-	-	s/o
2	Pointe-Rouge to Notre-Dame-du-Portage	11	11	s/o
3	Notre-Dame-du-Portage to Cap-à-l'Orignal	52	45	-14
4	Sainte-Flavie to the eastern bondary of Matane county	107	99	-8
5	Cap-Chat to Duchesnay	136	116	-15
6	Duchesnay to Saint-Hélier	142	126	-11
7	Saint-Hélier to Petite-Rivière-au-Renard	69	58	-16
8	Petite-Rivière-au-Renard to Cap-des-Rosiers	102	90	-12
9	Cap-Gaspé to Pointe-Saint-Pierre	83	76	-8
10	Pointe-Saint-Pierre to Brèche-à-Manon	129	124	-4
11	Brèche-à-Manon to Pointe-Maquereau	144	142	-1
12	Pointe-Maquereau to New Carlisle	116	112	-4
13	New Carlisle to Grande-Cascapédia River	40	30	-25
14	Grande-Cascapédia River to Pointe-Miguasha	38	38	s/o
15	Pointe-Miguasha to Restigouche River	2	1	-50
16	Cap-Tourmente to Saguenay River	11	9	-18
17	Saguenay River to Bersimis	68	52	-24
18	Bersimis to Sainte-Marguerite River	126	119	-6
19	Sainte-Marguerite River to Rivière-Pigou	139	117	-16
20	Rivière-Pigou to Havre-Saint-Pierre	102	92	-10
21	Havre-Saint-Pierre to Rivière-Kégaska	75	66	-12
22	Rivière-Kégaska to Baie-des-Moutons	150	149	-1
23	Baie-des-Moutons to Bonne-Espérance	276	279	1
24	Bonne-Espérance to Blanc-Sablon	139	137	-1
25	Anticosti Island	4	4	s/o
26	Magdalen Islands, Northern Division	197	202	3
27	Île-du-Havre-Aubert to Île-d'Entrée	119	119	s/o
28	Île-de-Cap-aux-Meules	132	125	-5
	Other	7	14	100
TOTAL		2,716	2,552	-6

TABLE 34B

NUMBER OF FISHERMEN'S HELPERS IN 1985 AND 1986. BY REPORTING DISTRICT

REPORTING DISTRICT NUMBER	DESCRIPTION	1985	1986	Δ %
1	Anse-à-Gilles to Pointe-Rouge	3	1	-67
2	Pointe-Rouge to Notre-Dame-du-Portage	3	-	-100
3	Notre-Dame-du-Portage to Cap-à-l'Orignal	60	51	-15
4	Sainte-Flavie to the eastern bondary of Matane county	159	158	-1
5	Cap-Chat to Duchesnay	138	136	-2
6	Duchesnay to Saint-Hélier	159	141	-11
7	Saint-Hélier to Petite-Rivière-au-Renard	109	103	-6
8	Petite-Rivière-au-Renard to Cap-des-Rosiers	200	225	13
9	Cap-Gaspé to Pointe-Saint-Pierre	168	120	-29
10	Pointe-Saint-Pierre to Brèche-à-Manon	220	191	-13
11	Brèche-à-Manon to Pointe-Maquereau	418	383	-8
12	Pointe-Maquereau to New Carlisle	200	210	5
13	New Carlisle to Grande-Cascapédia River	75	49	-35
14	Grande-Cascapédia River to Pointe-Miguasha	51	45	-12
15	Pointe-Miguasha to Restigouche River	1	1	s/o
16	Cap-Tourmente to Saguenay River	9	7	-22
17	Saguenay River to Bersimis	66	56	-15
18	Bersimis to Sainte-Marguerite River	171	121	-29
19	Sainte-Marguerite River to Rivière-Pigou	167	114	-32
20	Rivière-Pigou to Havre-Saint-Pierre	90	74	-18
21	Havre-Saint-Pierre to Rivière-Kégaska	71	85	20
22	Rivière-Kégaska to Baie-des-Moutons	149	156	5
23	Baie-des-Moutons to Bonne-Espérance	328	324	-1
24	Bonne-Espérance to Blanc-Sablon	186	171	-8
25	Anticosti Island	5	5	s/o
26	Magdalen Islands, Northern Division	337	364	8
27	Île-du-Havre-Aubert to Île-d'Entrée	184	181	-2
28	Île-de-Cap-aux-Meules	194	174	-10
	Other	58	39	-33
TOTAL		3,979	3,685	-7

TABLE 35

NUMBER OF BOATS IN 1985 AND 1986.
BY REPORTING DISTRICT

REPORTING DISTRICT NUMBER	DESCRIPTION	1985	1986	Δ %
1	Anse-à-Gilles to Pointe-Rouge	-	-	s/o
2	Pointe-Rouge to Notre-Dame-du-Portage	5	5	s/o
3	Notre-Dame-du-Portage to Cap-à-l'Orignal	51	43	-16
4	Sainte-Flavie to the eastern bondary of Matane county	124	111	-11
5	Cap-Chat to Duchesnay	138	122	-12
6	Duchesnay to Saint-Hélier	145	135	-7
7	Saint-Hélier to Petite-Rivière-au-Renard	72	62	-14
8	Petite-Rivière-au-Renard to Cap-des-Rosiers	100	89	-11
9	Cap-Gaspé to Pointe-Saint-Pierre	97	92	-5
10	Pointe-Saint-Pierre to Brèche-à-Manon	155	143	-8
11	Brèche-à-Manon to Pointe-Maquereau	162	146	-10
12	Pointe-Maquereau to New Carlisle	128	118	-8
13	New Carlisle to Grande-Cascapédia River	49	33	-33
14	Grande-Cascapédia River to Pointe-Miguasha	40	42	5
15	Pointe-Miguasha to Restigouche River	3	1	-67
16	Cap-Tourmente to Saguenay River	9	7	-22
17	Saguenay River to Bersimis	69	54	-22
18	Bersimis to Sainte-Marguerite River	133	128	-4
19	Sainte-Marguerite River to Rivière-Pigou	149	126	-15
20	Rivière-Pigou to Havre-Saint-Pierre	107	95	-11
21	Havre-Saint-Pierre to Rivière-Kégaska	74	72	-3
22	Rivière-Kégaska to Baie-des-Moutons	168	168	s/o
23	Baie-des-Moutons to Bonne-Espérance	321	320	●
24	Bonne-Espérance to Blanc-Sablon	157	154	-2
25	Anticosti Island	5	4	-20
26	Magdalen Islands, Northern Division	195	194	-1
27	Île-du-Havre-Aubert to Île-d'Entrée	123	121	-2
28	Île-de-Cap-aux-Meules	137	131	-4
	Other	6	14	133
TOTAL		2,922	2,730	-7

TABLE 36

LANDINGS IN DISTRICT 01

ANSE A GILLES TO POINTE-ROUGE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	•	•	•	•	N/A	N/A
Total groundfish	•	•	•	•	N/A	N/A
Herring	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	4	14	5	22	25.0	57.1
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	2	2	10	N/A	400.0
Total pelagic and estuarian species	5	16	7	32	40.0	100.0
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	-	-	-	-	N/A	N/A
Other items	-	-	-	-	N/A	N/A
Total	5	16	7	32	40.0	100.0

TABLE 37

LANDINGS IN DISTRICT 02

POINTE-ROUGE TO NOTRE-DAME-DU-PORTAGE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	2	1	N/A	N/A
Total groundfish	-	-	2	1	N/A	N/A
Herring	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	243	804	263	1,214	8.2	51.0
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	•	•	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	43	181	40	162	-7.0	-10.5
Total pelagic and estuarian species	286	985	303	1,376	5.9	39.7
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	-	-	-	-	N/A	N/A
Other items	-	-	-	-	N/A	N/A
Total	286	985	305	1,377	6.6	39.8

TABLE 38

LANDINGS IN DISTRICT 03

NOTRE-DAME-DU-PORTAGE TO CAP-A-L'ORIGNAL

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	131	64	76	44	-42.0	-31.3
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	8	3	N/A	N/A
Atlantic Halibut	-	-	*	*	N/A	N/A
American Plaice	10	4	8	5	-20.0	25.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	7	4	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	197	140	631	542	220.3	287.1
White Hake	1	*	2	*	100.0	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	*	*	N/A	N/A
Total groundfish	339	208	732	599	115.9	188.0
Herring	111	22	47	20	-57.7	-9.1
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	93	307	46	210	-50.5	-31.6
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	2	2	N/A	N/A
Capelin	3	2	3	1	0.0	-50.0
Other pelagic and estuarian species	8	44	8	21	0.0	-52.3
Total pelagic and estuarian species	215	375	106	254	-50.7	-32.3
Soft Shell Clams	-	-	2	2	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	12	26	N/A	N/A
Winkles	1	1	*	*	N/A	N/A
Lobsters	1	3	*	*	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	288	359	295	596	2.4	66.0
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	290	363	309	625	6.6	72.2
Other items	*	*	-	-	N/A	N/A
Total	844	946	1,148	1,478	36.0	56.2

TABLE 39

LANDINGS IN DISTRICT 04

SAINTE-FLAVIE TO THE EASTERN BORDER OF MATANE COUNTY

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

	1985		1986		Var. in %	
SPECIES	Quantity	Value	Quantity	Value	Quantity	Value
Cod	815	347	825	486	1.2	40.1
Haddock	•	•	•	•	N/A	N/A
Redfish	79	18	77	29	-2.5	61.1
Atlantic Halibut	1	2	1	3	0.0	50.0
American Plaice	283	159	124	82	-56.2	-48.4
Greysole	10	8	10	9	0.0	12.5
Winter Flounder	-	-	189	124	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	711	516	2,503	2,007	252.0	289.0
White Hake	13	2	10	2	-23.1	0.0
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	3	4	N/A	N/A
Total groundfish	1,912	1,052	3,742	2,747	95.7	161.1
Herring	23	5	24	10	4.3	100.0
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	•	•	N/A	N/A
Salmon	2	12	•	4	N/A	-66.7
Smelts	-	-	•	•	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	5	5	N/A	N/A
Total pelagic and estuarian species	25	17	30	19	20.0	11.8
Soft Shell Clams	-	-	•	•	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	7	13	1	•	-85.7	N/A
Lobsters	-	-	-	-	N/A	N/A
Shrimp	1,564	1,998	1,652	2,871	5.6	43.7
Snow Crabs	95	126	43	89	-54.7	-29.4
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	1,666	2,137	1,696	2,960	1.8	38.5
Other items	-	-	-	-	N/A	N/A
Total	3,603	3,206	5,468	5,726	51.8	78.6

TABLE 40

LANDINGS IN DISTRICT 05

CAP-CHAT TO DUCHESNAY

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

	1985		1986		Var. in %	
SPECIES	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
Cod	952	437	805	453	-15.4	3.7
Haddock	2	2	6	5	200.0	150.0
Redfish	141	39	103	36	-27.0	-7.7
Atlantic Halibut	*	1	2	5	N/A	400.0
American Plaice	190	91	214	140	12.6	53.8
Greysole	21	17	31	25	47.6	47.1
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	482	316	1,586	1,330	229.0	320.9
White Hake	15	3	5	1	-66.7	-66.7
Catfish	*	*	-	-	N/A	N/A
Other groundfish	*	*	-	-	N/A	N/A
Total groundfish	1,803	906	2,752	1,996	52.6	120.3
Herring	10	3	37	16	270.0	433.3
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	1	6	N/A	N/A
Smelts	3	22	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	13	25	38	22	192.3	-12.0
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	3	6	*	1	N/A	-83.3
Winkles	19	10	6	5	-68.4	-50.0
Lobsters	-	-	-	-	N/A	N/A
Shrimp	1,446	1,932	863	1,515	-40.3	-21.6
Snow Crabs	2	4	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	1,470	1,952	869	1,521	-40.9	-22.1
Other items	-	-	-	-	N/A	N/A
Total	3,286	2,883	3,659	3,539	11.4	22.8

TABLE 41

LANDINGS IN DISTRICT 06

DUCHESNAY TO SAINT-HÉLIER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	3,307	1,531	2,970	1,584	-10.2	3.5
Haddock	10	8	39	35	290.0	337.5
Redfish	21	8	105	41	400.0	412.5
Atlantic Halibut	25	86	18	49	-28.0	-43.0
American Plaice	211	92	208	100	-1.4	8.7
Greysole	276	238	368	346	33.3	45.4
Winter Flounder	-	-	•	•	N/A	N/A
Unspecified Flounders	•	•	-	-	N/A	N/A
Greenland Halibut	61	37	213	167	249.2	351.4
White Hake	•	•	9	2	N/A	N/A
Catfish	1	•	5	1	400.0	N/A
Other groundfish	1	•	-	-	N/A	N/A
Total groundfish	3,913	2,000	3,935	2,325	0.6	16.3
Herring	277	82	318	105	14.8	28.0
Mackerel	32	10	23	8	-28.1	-20.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	1	7	1	6	0.0	-14.3
Smelts	-	-	•	•	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	4	2	10	4	150.0	100.0
Total pelagic and estuarian species	314	101	353	123	12.4	21.8
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	2	2	4	4	100.0	100.0
Lobsters	•	•	•	1	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	3	3	•	•	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	5	5	4	5	-20.0	0.0
Other items	-	-	-	-	N/A	N/A
Total	4,232	2,106	4,292	2,454	1.4	16.5

TABLE 42

LANDINGS IN DISTRICT 07

SAINT-HÉLIER TO PETITE-RIVIERE-AU-RENARD

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	325	177	327	203	0.6	14.7
Haddock	-	-	-	-	N/A	N/A
Redfish	10	3	4	1	-60.0	-66.7
Atlantic Halibut	3	12	2	7	-33.3	-41.7
American Plaice	22	8	10	5	-54.5	-37.5
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	8	3	8	4	0.0	33.3
White Hake	1	•	10	2	N/A	N/A
Catfish	-	-	•	•	N/A	N/A
Other groundfish	-	-	•	•	N/A	N/A
Total groundfish	369	203	361	222	-2.2	9.4
Herring	39	9	3	1	-92.3	-88.9
Mackerel	1	•	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	40	9	3	1	-92.5	-88.9
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	•	3	2	15	N/A	400.0
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	•	3	2	15	N/A	400.0
Other items	-	-	-	-	N/A	N/A
Total	409	215	366	238	-10.5	10.7

TABLE 43

LANDINGS IN DISTRICT 08

PETITE-RIVIERE-AU-RENARD TO CAP-DES-ROSIERS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	9,979	4,541	8,629	4,497	-13.5	-1.0
Haddock	1	1	3	1	200.0	0.0
Redfish	292	74	342	113	17.1	52.7
Atlantic Halibut	27	67	42	110	55.6	64.2
American Plaice	573	213	919	495	60.4	132.4
Greysole	-	-	2	1	N/A	N/A
Winter Flounder	1	*	1	*	0.0	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	267	99	384	224	43.8	126.3
White Hake	7	1	15	3	114.3	200.0
Catfish	1	*	9	2	N/A	N/A
Other groundfish	-	-	3	1	N/A	N/A
Total groundfish	11,148	4,996	10,349	5,447	-7.2	9.0
Herring	21	5	9	3	-57.1	-40.0
Mackerel	3	1	3	1	0.0	0.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	3	2	-	-	N/A	N/A
Total pelagic and estuarian species	27	8	12	4	-55.6	-50.0
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	*	*	-	-	N/A	N/A
Lobsters	25	127	6	38	-76.0	-70.1
Shrimp	2,638	3,526	3,099	5,271	17.5	49.5
Snow Crabs	-	-	*	*	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	2,663	3,653	3,106	5,309	16.6	45.3
Other items	-	-	-	-	N/A	N/A
Total	13,838	8,657	13,467	10,761	-2.7	24.3

TABLE 44

LANDINGS IN DISTRICT 09

CAP-GASPÉ TO POINTE-SAINT-PIERRE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	595	305	349	189	-41.3	-38.0
Haddock	*	*	-	-	N/A	N/A
Redfish	*	*	1	*	N/A	N/A
Atlantic Halibut	1	2	1	3	0.0	50.[illegible]
American Plaice	20	7	13	6	-35.0	-14.[illegible]
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	1	*	2	1	100.0	N/A
White Hake	9	2	9	2	0.0	0.0
Catfish	-	-	-	-	N/A	N/A
Other groundfish	*	*	1	*	N/A	N/A
Total groundfish	626	316	376	201	-39.9	-36.4
Herring	64	17	42	10	-34.4	-41.2
Mackerel	121	29	71	16	-41.3	-44.8
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	*	2	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	185	46	113	28	-38.9	-39.1
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	4	7	3	5	-25.0	-28.6
Winkles	-	-	-	-	N/A	N/A
Lobsters	91	486	77	485	-15.4	-0.2
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	95	493	80	490	-15.8	-0.6
Other items	-	-	-	-	N/A	N/A
Total	906	855	569	720	-37.2	-15.8

TABLE 45

LANDINGS IN DISTRICT 10

POINTE-SAINT-PIERRE TO BRECHE-A-MANON

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	2,821	1,373	2,354	1,227	-16.6	-10.6
Haddock	*	*	1	1	N/A	N/A
Redfish	3	1	1	*	-66.7	N/A
Atlantic Halibut	6	17	63	148	N/A	N/A
American Plaice	98	33	114	60	16.3	81.8
Greysole	1	*	14	12	N/A	N/A
Winter Flounder	-	-	3	1	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	22	9	2	2	-90.9	-77.8
White Hake	27	6	66	15	144.4	150.0
Catfish	3	1	20	4	N/A	300.0
Other groundfish	2	1	*	*	N/A	N/A
Total groundfish	2,983	1,441	2,639	1,471	-11.5	2.1
Herring	29	7	54	38	86.2	442.9
Mackerel	24	7	2	1	-91.7	-85.7
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	*	2	N/A	N/A
Smelts	-	-	1	1	N/A	N/A
Capelin	5	1	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	3	2	N/A	N/A
Total pelagic and estuarian species	58	15	60	43	3.4	186.7
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	9	13	N/A	N/A
Winkles	1	1	-	-	N/A	N/A
Lobsters	183	1,000	163	1,022	-10.9	2.2
Shrimp	1	1	-	-	N/A	N/A
Snow Crabs	1,464	1,759	2,472	4,349	68.9	147.2
Other mollusc and crustacean	-	-	*	*	N/A	N/A
Total mollusc and crustacean	1,649	2,761	2,645	5,384	60.4	95.0
Other items	-	-	-	-	N/A	N/A
Total	4,690	4,217	5,344	6,898	13.9	63.6

TABLE 46

LANDINGS IN DISTRICT 11

BRECHE-A-MANON TO POINTE-MAQUEREAU

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	12,111	5,439	8,830	3,995	-27.1	-26.5
Haddock	7	3	5	2	-28.6	-33.3
Redfish	22	6	-	-	N/A	N/A
Atlantic Halibut	16	33	14	31	-12.5	-6.1
American Plaice	409	150	469	237	14.7	58.0
Greysole	28	18	20	20	-28.6	11.1
Winter Flounder	6	2	22	10	266.7	400.0
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	6	5	5	3	-16.7	-40.0
White Hake	170	35	214	45	25.9	28.6
Catfish	15	3	22	5	46.7	66.7
Other groundfish	1	*	-	-	N/A	N/A
Total groundfish	12,791	5,694	9,601	4,348	-24.9	-23.6
Herring	1,232	328	1,457	366	18.3	11.6
Mackerel	18	4	13	4	-27.8	0.0
Tuna, Bluefin	-	-	1	2	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	*	4	N/A	N/A
Smelts	1	*	*	1	N/A	N/A
Capelin	9	1	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	*	*	N/A	N/A
Total pelagic and estuarian species	1,260	333	1,472	377	16.8	13.2
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	*	1	-	-	N/A	N/A
Scallops	9	13	9	14	0.0	7.7
Winkles	-	-	-	-	N/A	N/A
Lobsters	91	496	115	711	26.4	43.3
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	3,151	3,985	3,444	6,037	9.3	51.5
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	3,251	4,495	3,568	6,762	9.8	50.4
Other items	-	-	-	-	N/A	N/A
Total	17,302	10,522	14,641	11,486	-15.4	9.2

TABLE 47

LANDINGS IN DISTRICT 12

POINTE-MAQUEREAU TO NEW CARLISLE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	634	268	396	197	-37.5	-26.5
Haddock	1	1	3	3	200.0	200.0
Redfish	*	*	3	1	N/A	N/A
Atlantic Halibut	2	5	2	6	0.0	20.0
American Plaice	176	85	170	94	-3.4	10.6
Greysole	18	14	32	29	77.8	107.1
Winter Flounder	53	32	79	52	49.1	62.5
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	*	*	1	1	N/A	N/A
White Hake	31	6	18	4	-41.9	-33.3
Catfish	-	-	*	*	N/A	N/A
Other groundfish	74	43	38	25	-48.6	-41.9
Total groundfish	989	454	742	412	-25.0	-9.3
Herring	628	155	713	137	13.5	-11.6
Mackerel	223	54	306	75	37.2	38.9
Tuna, Bluefin	3	8	1	3	-66.7	-62.5
Eels	-	-	-	-	N/A	N/A
Salmon	*	*	*	1	N/A	N/A
Smelts	*	*	4	5	N/A	N/A
Capelin	8	2	*	1	#VALEUR!	-50.0
Other pelagic and estuarian species	-	-	*	*	N/A	N/A
Total pelagic and estuarian species	862	219	1,024	223	18.8	1.8
Soft Shell Clams	1	1	*	1	N/A	0.0
Quahaugs Clams	-	-	1	*	N/A	N/A
Mussels	*	*	-	-	N/A	N/A
Scallops	64	87	59	82	-7.8	-5.7
Winkles	-	-	*	*	N/A	N/A
Lobsters	160	863	166	983	3.8	13.9
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	2,028	2,307	1,980	3,472	-2.4	50.5
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	2,253	3,258	2,206	4,538	-2.1	39.3
Other items	*	*	-	-	N/A	N/A
Total	4,104	3,931	3,972	5,173	-3.2	31.6

TABLE 48

LANDINGS IN DISTRICT 13

NEW CARLISLE TO GRANDE-CASCAPÉDIA RIVER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	57	36	65	42	14.0	16.7
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	*	*	N/A	N/A
American Plaice	15	8	20	13	33.3	62.5
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	3	4	3	4	0.0	0.0
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	*	*	N/A	N/A
White Hake	8	2	6	2	-25.0	0.0
Catfish	-	-	*	*	N/A	N/A
Other groundfish	*	*	2	1	N/A	N/A
Total groundfish	83	50	96	62	15.7	24.0
Herring	14	3	9	2	-35.7	-33.3
Mackerel	6	2	12	5	100.0	150.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	*	*	-	-	N/A	N/A
Capelin	-	-	*	*	N/A	N/A
Other pelagic and estuarian species	-	-	*	*	N/A	N/A
Total pelagic and estuarian species	20	5	22	7	10.0	40.0
Soft Shell Clams	2	3	9	19	350.0	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	*	*	*	*	N/A	N/A
Scallops	47	74	21	29	-55.3	-60.8
Winkles	-	-	-	-	N/A	N/A
Lobsters	19	96	13	76	-31.6	-20.8
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	*	*	-	-	N/A	N/A
Other mollusc and crustacean	*	1	-	-	N/A	N/A
Total mollusc and crustacean	68	174	43	125	-36.8	-28.2
Other items	-	-	*	*	N/A	N/A
Total	171	229	161	194	-5.8	-15.3

TABLE 49

LANDINGS IN DISTRICT 14

GRANDE-CASCAPÉDIA RIVER TO POINTE-MIGUASHA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	20	13	18	12	-10.0	-7.7
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	59	27	37	20	-37.3	-25.9
Greysole	2	*	1	1	-50.0	N/A
Winter Flounder	1	2	17	8	N/A	300.0
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	3	1	1	*	-66.7	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	2	2	N/A	N/A
Total groundfish	85	43	76	43	-10.6	0.0
Herring	143	35	102	27	-28.7	-22.9
Mackerel	15	3	28	7	86.7	133.3
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	1	*	2	2	100.0	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	159	38	132	36	-17.0	-5.3
Soft Shell Clams	11	23	17	37	54.5	60.9
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	*	*	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	17	86	14	81	-17.6	-5.8
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	1	1	-	-	N/A	N/A
Total mollusc and crustacean	29	110	32	118	10.3	7.3
Other items	-	-	-	-	N/A	N/A
Total	273	191	240	197	-12.1	3.1

TABLE 50

LANDINGS IN DISTRICT 15

POINTE-MIGUASHA TO RESTIGOUCHE RIVER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	*	1	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	*	*	N/A	N/A
Total groundfish	-	-	*	1	N/A	N/A
Herring	*	*	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	52	41	15	4	-71.2	-90.2
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	52	41	15	4	-71.2	-90.2
Soft Shell Clams	7	13	15	34	114.3	161.5
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	1	1	1	1	0.0	0.0
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	*	1	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	1	1	-	-	N/A	N/A
Total mollusc and crustacean	9	16	16	35	77.8	118.8
Other items	-	-	-	-	N/A	N/A
Total	61	57	31	40	-49.2	-29.8

TABLE 51

LANDINGS IN DISTRICT 16

CAP-TOURMENTE TO THE SAGUENAY RIVER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	2	2	5	2	150.0	0.0
Total groundfish	2	2	5	2	150.0	0.0
Herring	3	1	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	2	7	3	14	50.0	100.0
Salmon	-	-	-	-	N/A	N/A
Smelts	16	17	27	29	68.8	70.6
Capelin	313	63	223	45	-28.8	-28.6
Other pelagic and estuarian species	-	1	*	*	N/A	N/A
Total pelagic and estuarian species	334	89	253	88	-24.3	-1.1
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	-	-	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	-	-	-	-	N/A	N/A
Other items	-	-	-	-	N/A	N/A
Total	336	91	258	90	-23.2	-1.1

TABLE 52

LANDINGS IN DISTRICT 17

SAGUENAY RIVER TO BERSIMIS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	59	34	47	27	-20.3	-20.6
Haddock	-	-	-	-	N/A	N/A
Redfish	2	1	1	•	-50.0	N/A
Atlantic Halibut	4	14	3	10	-25.0	-28.6
American Plaice	3	1	3	2	0.0	100.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	64	46	190	171	196.9	271.7
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	1	•	-	-	N/A	N/A
Total groundfish	133	96	244	210	83.5	118.8
Herring	58	16	60	20	3.4	25.0
Mackerel	•	•	1	•	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	7	4	-	-	N/A	N/A
Other pelagic and estuarian species	•	•	-	-	N/A	N/A
Total pelagic and estuarian species	65	20	61	20	-6.2	0.0
Soft Shell Clams	935	529	691	453	-26.1	-14.4
Quahaugs Clams	-	-	3	2	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	30	8	85	28	183.3	250.0
Lobsters	2	8	2	9	0.0	12.5
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	371	418	204	350	-45.0	-16.3
Other mollusc and crustacean	-	-	•	•	N/A	N/A
Total mollusc and crustacean	1,338	963	985	842	-26.4	-12.6
Other items	-	-	•	•	N/A	N/A
Total	1,536	1,079	1,290	1,072	-16.0	-0.6

TABLE 53

LANDINGS IN DISTRICT 18

BERSIMIS TO THE SAINTE-MARGUERITE RIVER

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	320	157	446	236	39.4	50.3
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	4	2	N/A	N/A
Atlantic Halibut	1	4	4	11	300.0	175.0
American Plaice	4	2	19	10	375.0	400.0
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	18	9	96	68	433.3	N/A
White Hake	-	-	3	1	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	*	*	N/A	N/A
Total groundfish	343	172	572	328	66.8	90.7
Herring	129	41	162	52	25.6	26.8
Mackerel	5	1	5	1	0.0	0.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	19	149	15	147	-21.1	-1.3
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	*	*	*	*	N/A	N/A
Total pelagic and estuarian species	153	191	182	200	19.0	4.7
Soft Shell Clams	34	20	66	44	94.1	120.0
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	*	1	*	*	N/A	N/A
Scallops	132	176	93	127	-29.5	-27.8
Winkles	56	15	78	26	39.3	73.3
Lobsters	-	-	-	-	N/A	N/A
Shrimp	8	13	26	50	225.0	284.6
Snow Crabs	440	547	336	579	-23.6	5.9
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	670	772	599	826	-10.6	7.0
Other items	-	-	-	-	N/A	N/A
Total	1,166	1,135	1,353	1,355	16.0	19.4

TABLE 54

LANDINGS IN DISTRICT 19
SAINTE-MARGUERITE RIVER TO RIVIERE-PIGOU

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

	1985		1986		Var. in %	
SPECIES	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
Cod	1,009	457	1,469	810	45.6	77.2
Haddock	-	-	2	1	N/A	N/A
Redfish	31	8	87	33	180.6	312.5
Atlantic Halibut	18	62	16	49	-11.1	-21.0
American Plaice	136	73	182	118	33.8	61.6
Greysole	2	1	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	2	1	-	-	N/A	N/A
Greenland Halibut	153	87	568	440	271.2	405.7
White Hake	-	-	3	1	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	4	2	N/A	N/A
Total groundfish	1,351	689	2,332	1,454	72.6	111.0
Herring	36	10	75	19	108.3	90.0
Mackerel	5	2	6	2	20.0	0.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	15	118	12	91	-20.0	-22.9
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	56	130	93	112	66.1	-13.8
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	82	108	124	170	51.2	57.4
Winkles	42	14	60	21	42.9	50.0
Lobsters	-	-	-	-	N/A	N/A
Shrimp	384	630	561	953	46.1	51.3
Snow Crabs	280	308	197	355	-29.6	15.3
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	788	1,060	942	1,499	19.5	41.4
Other items	-	-	-	-	N/A	N/A
Total	2,195	1,879	3,367	3,065	53.4	63.1

TABLE 55

LANDINGS IN DISTRICT 20

RIVIERE-PIGOU TO HAVRE SAINT-PIERRE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	474	195	392	187	-17.3	-4.1
Haddock	-	-	-	-	N/A	N/A
Redfish	12	2	11	6	-8.3	200.0
Atlantic Halibut	*	1	1	3	N/A	200.0
American Plaice	5	1	10	6	100.0	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	26	11	36	21	38.5	90.9
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	517	210	450	223	-13.0	6.2
Herring	42	15	6	2	-85.7	-86.7
Mackerel	1	*	1	*	0.0	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	12	96	6	42	-50.0	-56.3
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	55	111	13	44	-76.4	-60.4
Soft Shell Clams	*	*	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	67	92	30	43	-55.2	-53.3
Winkles	2	1	373	99	N/A	N/A
Lobsters	7	43	9	61	28.6	41.9
Shrimp	472	619	378	612	-19.9	-1.1
Snow Crabs	706	809	661	1,249	-6.4	54.4
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	1,254	1,564	1,451	2,064	15.7	32.0
Other items	-	-	1	*	N/A	N/A
Total	1,826	1,885	1,915	2,331	4.9	23.7

TABLE 56

LANDINGS IN DISTRICT 21

HAVRE SAINT-PIERRE TO RIVIERE-KÉGASKA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	1,260	421	413	191	-67.2	-54.6
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	10	4	N/A	N/A
Atlantic Halibut	4	14	13	40	225.0	185.7
American Plaice	-	-	8	4	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	12	11	N/A	N/A
White Hake	-	-	•	•	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	1,264	435	456	250	-63.9	-42.5
Herring	•	1	-	-	N/A	N/A
Mackerel	1	•	1	•	0.0	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	7	54	13	91	85.7	68.5
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	8	55	14	91	75.0	65.5
Soft Shell Clams	•	•	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	235	321	334	469	42.1	46.1
Winkles	1	•	33	9	N/A	N/A
Lobsters	40	243	58	365	45.0	50.2
Shrimp	5	8	99	174	N/A	N/A
Snow Crabs	1,101	1,209	1,239	2,262	12.5	87.1
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	1,382	1,781	1,763	3,279	27.6	84.1
Other items	-	-	-	-	N/A	N/A
Total	2,654	2,271	2,233	3,620	-15.9	59.4

TABLE 57

LANDINGS IN DISTRICT 22
RIVIERE-KÉGASKA TO BAIE-DES-MOUTONS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	1,233	463	1,066	467	-13.5	0.9
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	7	3	N/A	N/A
Atlantic Halibut	1	2	2	5	100.0	150.0
American Plaice	-	-	*	*	N/A	N/A
Greysole	-	-	*	*	N/A	N/A
Winter Flounder	-	-	2	*	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	*	*	N/A	N/A
White Hake	-	-	2	*	N/A	N/A
Catfish	-	-	5	1	N/A	N/A
Other groundfish	-	-	6	3	N/A	N/A
Total groundfish	1,234	465	1,090	480	-11.7	3.2
Herring	188	38	190	38	1.1	0.0
Mackerel	18	6	91	27	405.6	350.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	3	23	5	24	66.7	4.3
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	*	*	-	-	N/A	N/A
Total pelagic and estuarian species	209	67	286	89	36.8	32.8
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	77	99	67	88	-13.0	-11.1
Winkles	-	-	-	-	N/A	N/A
Lobsters	31	179	25	151	-19.4	-15.6
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	394	362	366	606	-7.1	67.4
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	502	640	458	845	-8.8	32.0
Other items	-	-	-	-	N/A	N/A
Total	1,945	1,172	1,834	1,414	-5.7	20.6

TABLE 58

LANDINGS IN DISTRICT 23

BAIE-DES-MOUTONS TO BONNE-ESPÉRANCE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	2,367	868	1,267	575	-46.5	-33.8
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	*	1	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	2	*	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	1	1	*	*	N/A	N/A
White Hake	-	-	1	*	N/A	N/A
Catfish	-	-	3	*	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	2,368	869	1,273	577	-46.2	-33.6
Herring	110	26	92	23	-16.4	-11.5
Mackerel	18	6	20	7	11.1	16.7
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	13	96	30	141	130.8	46.9
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	*	*	2	6	N/A	N/A
Total pelagic and estuarian species	141	128	144	177	2.1	38.3
Soft Shell Clams	-	-	21	26	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	14	17	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	13	78	30	170	130.8	117.9
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	1,910	1,660	1,575	2,435	-17.5	46.7
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	1,937	1,755	1,626	2,631	-16.1	49.9
Other items	-	-	15	19	N/A	N/A
Total	4,446	2,752	3,043	3,404	-31.6	23.7

TABLE 59

LANDINGS IN DISTRICT 24

BONNE-ESPÉRANCE TO BLANC-SABLON

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	2,081	708	947	416	-54.5	-41.2
Haddock	-	-	*	*	N/A	N/A
Redfish	-	-	2	1	N/A	N/A
Atlantic Halibut	-	-	*	*	N/A	N/A
American Plaice	*	*	1	*	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	*	*	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	2,081	708	951	418	-54.3	-41.0
Herring	36	12	133	30	269.4	150.0
Mackerel	22	8	54	14	145.5	75.0
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	3	19	6	28	100.0	47.4
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	61	39	193	72	216.4	84.6
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	23	23	155	133	N/A	478.3
Winkles	-	-	1	*	N/A	N/A
Lobsters	*	*	*	1	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	236	213	451	711	91.1	233.8
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	259	236	607	845	134.4	258.1
Other items	-	-	18	22	N/A	N/A
Total	2,401	983	1,769	1,358	-26.3	38.1

TABLE 60

LANDINGS IN DISTRICT 25

ANTICOSTI ISLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	5	2	4	2	-20.0	0.0
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	*	1	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	5	3	4	2	-20.0	-33.3
Herring	2	1	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	2	1	-	-	N/A	N/A
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	*	3	5	34	N/A	N/A
Shrimp	22	37	11	18	-50.0	-51.4
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	22	40	16	52	-27.3	30.0
Other items	-	-	-	-	N/A	N/A
Total	29	44	20	54	-31.0	22.7

TABLE 61

LANDINGS IN DISTRICT 26

MAGDALEN ISLANDS, NORTHERN DIVISION

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	176	71	193	122	9.7	71.8
Haddock	-	-	*	*	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	9	40	6	20	-33.3	-50.0
American Plaice	324	108	199	98	-38.6	-9.3
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	12	2	7	1	-41.7	-50.0
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	-	-	N/A	N/A
Total groundfish	521	221	405	241	-22.3	9.0
Herring	43	13	115	39	167.4	200.0
Mackerel	643	196	800	227	24.4	15.8
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	1	2	*	*	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	3	6	1	1	-66.7	-83.3
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	690	217	916	267	32.8	23.0
Soft Shell Clams	7	11	21	28	200.0	154.5
Quahaugs Clams	13	12	43	29	230.8	141.7
Mussels	1	2	13	24	N/A	N/A
Scallops	6	9	16	24	166.7	166.7
Winkles	-	-	5	1	N/A	N/A
Lobsters	888	4,738	972	5,805	9.5	22.5
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	*	*	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	915	4,772	1,070	5,911	16.9	23.9
Other items	-	-	-	-	N/A	N/A
Total	2,126	5,210	2,391	6,419	12.5	23.2

TABLE 62

LANDINGS IN DISTRICT 27

ILE DU HAVRE-AUBERT TO ILE D'ENTRÉE

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

	1985		1986		Var. in %	
SPECIES	**Quantity**	**Value**	**Quantity**	**Value**	**Quantity**	**Value**
Cod	716	261	1,293	719	80.6	175.5
Haddock	-	-	22	18	N/A	N/A
Redfish	-	-	2	1	N/A	N/A
Atlantic Halibut	3	14	1	3	-66.7	-78.6
American Plaice	234	87	245	146	4.7	67.8
Greysole	-	-	*	*	N/A	N/A
Winter Flounder	-	-	116	65	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	43	6	76	11	76.7	83.3
Catfish	-	-	-	-	N/A	N/A
Other groundfish	-	-	6	2	N/A	N/A
Total groundfish	996	368	1,761	965	76.8	162.2
Herring	20	6	76	24	280.0	300.0
Mackerel	572	175	977	278	70.8	58.9
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	*	*	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	3	6	1	1	-66.7	-83.3
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	595	187	1,054	303	77.1	62.0
Soft Shell Clams	1	1	1	1	0.0	0.0
Quahaugs Clams	2	3	-	-	N/A	N/A
Mussels	1	*	1	2	0.0	N/A
Scallops	197	290	89	138	-54.8	-52.4
Winkles	-	-	6	1	N/A	N/A
Lobsters	204	1,097	237	1,388	16.2	26.5
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	1,120	1,367	452	897	-59.6	-34.4
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	1,525	2,758	786	2,427	-48.5	-12.0
Other items	-	-	-	-	N/A	N/A
Total	3,116	3,313	3,600	3,695	15.5	11.5

TABLE 63

LANDINGS IN DISTRICT 28

ILE-DE-CAP-AUX-MEULES

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	415	157	1,094	491	163.6	212.7
Haddock	1	•	17	12	N/A	N/A
Redfish	8,655	1,900	9,148	2,136	5.7	12.4
Atlantic Halibut	10	42	13	35	30.0	-16.7
American Plaice	272	100	598	372	119.9	272.0
Greysole	•	•	3	1	N/A	N/A
Winter Flounder	-	-	2	1	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	-	-	N/A	N/A
White Hake	6	1	12	2	100.0	100.0
Catfish	-	-	2	•	N/A	N/A
Other groundfish	-	-	27	7	N/A	N/A
Total groundfish	9,359	2,200	10,917	3,058	16.6	39.0
Herring	87	28	137	45	57.5	60.7
Mackerel	450	139	590	169	31.1	21.6
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	•	•	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	1	2	1	1	0.0	-50.0
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	-	-	-	-	N/A	N/A
Total pelagic and estuarian species	538	169	728	216	35.3	27.8
Soft Shell Clams	2	4	•	•	N/A	N/A
Quahaugs Clams	1	1	21	16	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	344	510	128	195	-62.8	-61.8
Winkles	-	-	-	-	N/A	N/A
Lobsters	365	1,883	372	2,172	1.9	15.3
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	1,713	2,062	1,044	2,069	-39.1	0.3
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	2,425	4,460	1,565	4,452	-35.5	-0.2
Other items	-	-	-	-	N/A	N/A
Total	12,322	6,829	13,211	7,725	7.2	13.1

TABLE 64

LANDINGS IN OTHER DISTRICTS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	-	-	-	-	N/A	N/A
Haddock	-	-	-	-	N/A	N/A
Redfish	-	-	-	-	N/A	N/A
Atlantic Halibut	-	-	-	-	N/A	N/A
American Plaice	-	-	-	-	N/A	N/A
Greysole	-	-	-	-	N/A	N/A
Winter Flounder	-	-	-	-	N/A	N/A
Unspecified Flounders	-	-	-	-	N/A	N/A
Greenland Halibut	-	-	2	2	N/A	N/A
White Hake	-	-	-	-	N/A	N/A
Catfish	-	-	-	-	N/A	N/A
Other groundfish	77	34	-	-	N/A	N/A
Total groundfish	77	34	2	2	-97.4	-94.1
Herring	-	-	-	-	N/A	N/A
Mackerel	-	-	-	-	N/A	N/A
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	1	3	-	-	N/A	N/A
Salmon	-	-	-	-	N/A	N/A
Smelts	-	-	-	-	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	4	4	-	-	N/A	N/A
Total pelagic and estuarian species	5	7	-	-	N/A	N/A
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	-	-	N/A	N/A
Scallops	-	-	-	-	N/A	N/A
Winkles	-	-	-	-	N/A	N/A
Lobsters	-	-	•	•	N/A	N/A
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	-	-	-	-	N/A	N/A
Other mollusc and crustacean	-	-	-	-	N/A	N/A
Total mollusc and crustacean	-	-	•	•	N/A	N/A
Other items	-	-	-	-	N/A	N/A
Total	82	41	2	2	-97.6	-95.1

LANDINGS

BY PROVINCE

TABLE 65

LANDINGS IN NEW BRUNSWICK

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	12,589	5,380	13,613	6,387	8.1	18.7
Haddock	132	125	168	179	27.3	43.2
Redfish	2,844	680	3,651	1,052	28.4	54.7
Atlantic Halibut	5	16	7	31	40.0	93.8
American Plaice	-	-	1,450	763	N/A	N/A
Greysole	-	-	80	102	N/A	N/A
Winter Flounder	-	-	464	233	N/A	N/A
Unspecified Flounders	2,512	1,208	16	15	-99.4	-98.8
Greenland Halibut	140	44	208	80	48.6	81.8
White Hake	860	158	769	229	-10.6	44.9
Catfish	-	-	7	1	N/A	N/A
Other groundfish	799	285	2,047	929	156.2	226.0
Total groundfish	19,881	7,896	22,480	10,001	13.1	26.7
Herring	68,795	10,286	80,161	13,684	16.5	33.0
Mackerel	1,999	467	2,356	451	17.9	-3.4
Tuna, Bluefin	19	63	*	1	N/A	-98.4
Eels	126	210	161	373	27.8	77.6
Salmon	-	-	-	-	N/A	N/A
Smelts	342	272	180	183	-47.4	-32.7
Capelin	1,603	29	-	-	N/A	N/A
Other pelagic and estuarian species	2,305	672	2,189	680	-5.0	1.2
Total pelagic and estuarian species	75,189	11,999	85,047	15,372	13.1	28.1
Soft Shell Clams	2,540	2,576	3,113	3,551	22.6	37.8
Quahaugs Clams	-	-	77	132	N/A	N/A
Mussels	-	-	103	96	N/A	N/A
Scallops	3,221	5,426	2,767	4,901	-14.1	-9.7
Winkles	-	-	113	107	N/A	N/A
Lobsters	6,727	32,322	6,684	32,999	-0.6	2.1
Shrimp	2,318	2,896	1,619	2,540	-30.2	-12.3
Snow Crabs	17,099	18,019	14,854	23,777	-13.1	32.0
Other mollusc and crustacean	208	114	396	341	90.4	199.1
Total mollusc and crustacean	32,113	61,353	29,726	68,444	-7.4	11.6
Other items	...	208	171	223	N/A	7.2
Total	127,183	81,456	137,424	94,040	8.1	15.4

TABLE 66

LANDINGS IN NOVA SCOTIA

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	1985 Value	1986 Quantity	1986 Value	Var. in % Quantity	Var. in % Value
Cod	148,220	68,316	140,013	83,020	-5.5	21.5
Haddock	33,785	26,418	39,033	34,991	15.5	32.5
Redfish	26,089	6,487	34,773	10,768	33.3	66.0
Atlantic Halibut	2,974	10,458	2,531	12,366	-14.9	18.2
American Plaice	-	-	6,856	4,449	N/A	N/A
Greysole	-	-	4,032	3,768	N/A	N/A
Winter Flounder	-	-	1,488	1,427	N/A	N/A
Unspecified Flounders	15,442	9,234	3,582	4,119	-76.8	-55.4
Greenland Halibut	792	161	111	72	-86.0	-55.3
White Hake	10,233	3,208	12,104	5,590	18.3	74.3
Catfish	-	-	1,770	524	N/A	N/A
Other groundfish	47,532	13,067	48,489	19,999	2.0	53.0
Total groundfish	285,067	137,349	294,782	181,093	3.4	31.8
Herring	100,100	15,338	74,953	15,319	-25.1	-0.1
Mackerel	6,006	1,665	4,122	1,287	-31.4	-22.7
Tuna, Bluefin	6	11	35	113	483.3	N/A
Eels	6	15	8	20	33.3	33.3
Salmon	8	56	-	-	N/A	N/A
Smelts	14	27	22	39	57.1	44.4
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	1,736	2,335	2,556	7,635	47.2	227.0
Total pelagic and estuarian species	107,876	19,447	81,696	24,413	-24.3	25.5
Soft Shell Clams	1,496	1,628	1,889	2,687	26.3	65.0
Quahaugs Clams	-	-	8	5	N/A	N/A
Mussels	-	-	162	50	N/A	N/A
Scallops	38,315	49,344	49,111	62,674	28.2	27.0
Winkles	-	-	6	5	N/A	N/A
Lobsters	13,756	93,071	15,829	129,677	15.1	39.3
Shrimp	1,127	3,557	2,221	6,001	97.1	68.7
Snow Crabs	2,232	3,379	2,316	4,587	3.8	35.8
Other mollusc and crustacean	640	455	199	141	-68.9	-69.0
Total mollusc and crustacean	57,566	151,434	71,741	205,827	24.6	35.9
Other items	...	839	11,789	872	N/A	3.9
Total	450,509	309,069	460,008	412,205	2.1	33.4

TABLE 67

LANDINGS IN NEWFOUNDLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	260,742	89,873	271,630	100,822	4.2	12.2
Haddock	2,866	956	4,656	1,636	62.5	71.1
Redfish	27,728	5,229	22,568	4,632	-18.6	-11.4
Atlantic Halibut	686	1,102	898	2,042	30.9	85.3
American Plaice	-	-	1,118	535	N/A	N/A
Greysole	-	-	774	437	N/A	N/A
Winter Flounder	-	-	1,805	694	N/A	N/A
Unspecified Flounders	63,417	15,673	62,252	18,532	-1.8	18.2
Greenland Halibut	15,274	4,003	12,706	5,532	-16.8	38.2
White Hake	816	139	1,462	430	79.2	209.4
Catfish	-	-	1,697	331	N/A	N/A
Other groundfish	4,814	762	6,525	1,186	35.5	55.6
Total groundfish	376,343	117,737	388,091	136,809	3.1	16.2
Herring	11,597	1,596	8,814	1,184	-24.0	-25.8
Mackerel	13,999	1,690	11,651	1,468	-16.8	-13.1
Tuna, Bluefin	-	-	-	-	N/A	N/A
Eels	-	-	32	72	N/A	N/A
Salmon	802	3,350	1,192	4,573	48.6	36.5
Smelts	4	4	32	27	N/A	N/A
Capelin	35,750	6,243	64,899	19,992	81.5	220.2
Other pelagic and estuarian species	230	238	170	205	-26.1	-13.9
Total pelagic and estuarian species	62,382	13,121	86,790	27,521	39.1	109.7
Soft Shell Clams	-	-	-	-	N/A	N/A
Quahaugs Clams	-	-	-	-	N/A	N/A
Mussels	-	-	24	20	N/A	N/A
Scallops	2,892	3,363	2,166	2,333	-25.1	-30.6
Winkles	-	-	-	-	N/A	N/A
Lobsters	2,564	15,167	2,218	13,412	-13.5	-11.6
Shrimp	3,489	4,034	4,128	5,465	18.3	35.5
Snow Crabs	8,999	7,731	9,175	10,354	2.0	33.9
Other mollusc and crustacean	379	109	2	1	-99.5	-99.1
Total mollusc and crustacean	18,323	30,404	17,713	31,585	-3.3	3.9
Other items	...	194	521	780	N/A	302.1
Total	457,048	161,456	493,116	196,695	7.9	21.8

TABLE 68

LANDINGS IN PRINCE EDWARD ISLAND

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	5,831	1,858	4,727	2,109	-18.9	13.5
Haddock	18	7	66	24	266.7	242.9
Redfish	6,277	992	5,070	1,269	-19.2	27.9
Atlantic Halibut	7	10	10	17	42.9	70.0
American Plaice	-	-	1,701	1,080	N/A	N/A
Greysole	-	-	17	19	N/A	N/A
Winter Flounder	-	-	763	459	N/A	N/A
Unspecified Flounders	2,943	1,427	-	-	N/A	N/A
Greenland Halibut	9	3	-	-	N/A	N/A
White Hake	1,717	303	1,693	451	-1.4	48.8
Catfish	-	-	*	*	N/A	N/A
Other groundfish	2	*	273	85	N/A	N/A
Total groundfish	16,804	4,600	14,320	5,513	-14.8	19.8
Herring	5,173	844	8,870	1,814	71.5	114.9
Mackerel	1,424	349	2,455	607	72.4	73.9
Tuna, Bluefin	91	399	4	89	-95.6	-77.7
Eels	2	3	44	104	N/A	N/A
Salmon	-	-	2	18	N/A	N/A
Smelts	21	12	421	316	N/A	N/A
Capelin	-	-	-	-	N/A	N/A
Other pelagic and estuarian species	1	*	493	109	N/A	N/A
Total pelagic and estuarian species	6,712	1,607	12,289	3,057	83.1	90.2
Soft Shell Clams	130	67	330	463	153.8	N/A
Quahaugs Clams	-	-	248	242	N/A	N/A
Mussels	-	-	621	1,250	N/A	N/A
Scallops	854	1,305	892	1,254	4.4	-3.9
Winkles	-	-	-	-	N/A	N/A
Lobsters	7,143	30,708	7,650	36,163	7.1	17.8
Shrimp	-	-	-	-	N/A	N/A
Snow Crabs	1,361	1,560	1,676	3,004	23.1	92.6
Other mollusc and crustacean	147	190	2,070	2,575	N/A	N/A
Total mollusc and crustacean	9,635	33,830	13,487	44,951	40.0	32.9
Other items	-	-	281	39	N/A	N/A
Total	33,151	40,037	40,377	53,560	21.8	33.8

TABLE 69

LANDINGS IN QUEBEC

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985		1986		Var. in %	
	Quantity	Value	Quantity	Value	Quantity	Value
Cod	41,865	18,319	34,274	17,169	-18.1	-6.3
Haddock	22	15	97	78	340.9	420.0
Redfish	9,268	2,062	9,917	2,409	7.0	16.8
Atlantic Halibut	132	419	206	540	56.1	28.9
American Plaice	3,042	1,247	3,571	2,013	17.4	61.4
Greysole	357	296	481	445	34.7	50.3
Winter Flounder	65	40	442	269	N/A	N/A
Unspecified Flounders	3	1	-	-	N/A	N/A
Greenland Halibut	2,018	1,278	6,241	4,994	209.3	290.8
White Hake	346	70	470	96	35.8	37.1
Catfish	20	5	67	15	235.0	200.0
Other groundfish	158	80	100	52	-36.7	-35.0
Total groundfish	57,296	23,832	55,865	28,082	-2.5	17.8
Herring	3,342	878	3,860	1,027	15.5	17.0
Mackerel	2,178	643	3,004	840	37.9	30.6
Tuna, Bluefin	3	8	2	6	-33.3	-25.0
Eels	344	1,136	318	1,461	-7.6	28.6
Salmon	78	598	89	587	14.1	-1.8
Smelts	76	73	53	46	-30.3	-37.0
Capelin	345	72	227	47	-34.2	-34.7
Other pelagic and estuarian species	60	235	73	209	21.7	-11.1
Total pelagic and estuarian species	6,426	3,643	7,625	4,222	18.7	15.9
Soft Shell Clams	722	457	820	615	13.6	34.6
Quahaugs Clams	15	15	64	45	326.7	200.0
Mussels	5	5	15	27	200.0	440.0
Scallops	1,304	1,832	1,171	1,583	-10.2	-13.6
Winkles	160	63	652	196	307.5	211.1
Lobsters	2,137	11,433	2,268	13,569	6.1	18.7
Shrimp	6,539	8,764	6,689	11,463	2.3	30.8
Snow Crabs	15,301	17,495	14,761	26,057	-3.5	48.9
Other mollusc and crustacean	283	149	6	4	-97.9	-97.3
Total mollusc and crustacean	26,466	40,213	26,445	53,558	-0.1	33.2
Other items	1	1	35	42	N/A	N/A
Total	90,189	67,689	89,970	85,903	-0.2	26.9

TABLE 70

LANDINGS ON THE ATLANTIC COAST

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	1985 Quantity	Value	1986 Quantity	Value	Var. in % Quantity	Value
Cod	469,247	183,746	464,257	209,507	-1.1	14.0
Haddock	36,823	27,521	44,020	36,908	19.5	34.1
Redfish	72,206	15,450	75,979	20,130	5.2	30.3
Atlantic Halibut	3,804	12,005	3,652	14,996	-4.0	24.9
American Plaice	3,042	1,247	14,696	8,840	383.1	N/A
Greysole	357	296	5,384	4,771	N/A	N/A
Winter Flounder	65	40	4,962	3,082	N/A	N/A
Unspecified Flounders	84,317	27,543	65,850	22,666	-21.9	-17.7
Greenland Halibut	18,233	5,489	19,266	10,678	5.7	94.5
White Hake	13,972	3,878	16,498	6,796	18.1	75.2
Catfish	20	5	3,541	871	N/A	N/A
Other groundfish	53,305	14,194	57,434	22,251	7.7	56.8
Total groundfish	755,391	291,414	775,538	361,498	2.7	24.0
Herring	189,007	28,942	176,658	33,028	-6.5	14.1
Mackerel	25,606	4,814	23,588	4,653	-7.9	-3.3
Tuna, Bluefin	119	481	41	209	-65.5	-56.5
Eels	478	1,364	563	2,030	17.8	48.8
Salmon	888	4,004	1,283	5,178	44.5	29.3
Smelts	457	388	708	611	54.9	57.5
Capelin	37,698	6,344	65,126	20,039	72.8	215.9
Other pelagic and estuarian species	4,332	3,480	5,481	8,838	26.5	154.0
Total pelagic and estuarian species	258,585	49,817	273,447	74,585	5.7	49.7
Soft Shell Clams	4,888	4,728	6,152	7,316	25.9	54.7
Quahaugs Clams	15	15	397	424	N/A	N/A
Mussels	5	5	925	1,443	N/A	N/A
Scallops	46,586	61,270	56,107	72,745	20.4	18.7
Winkles	160	63	771	308	381.9	388.9
Lobsters	32,327	182,701	34,649	225,820	7.2	23.6
Shrimp	13,473	19,251	14,657	25,469	8.8	32.3
Snow Crabs	44,992	48,184	42,782	67,779	-4.9	40.7
Other mollusc and crustacean	1,657	1,017	2,673	3,062	61.3	201.1
Total mollusc and crustacean	144,103	317,234	159,112	404,365	10.4	27.5
Other items	...	1,242	12,797	1,956	N/A	57.5
Total	1,158,080	659,707	1,220,895	842,403	5.4	27.7

FIGURE 51

1985 Distribution of Landings
by Species Group
on the Atlantic Coast

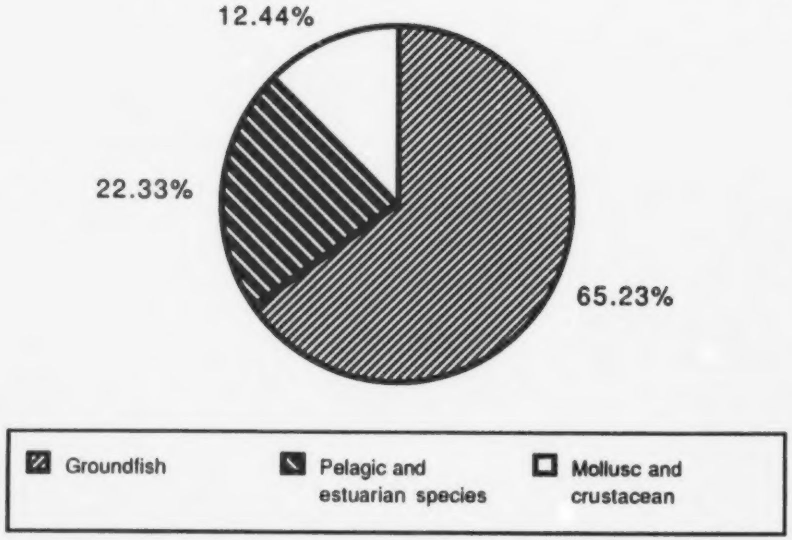


FIGURE 52

1985 Distribution of Landings Value
by Species Group
on the Atlantic Coast

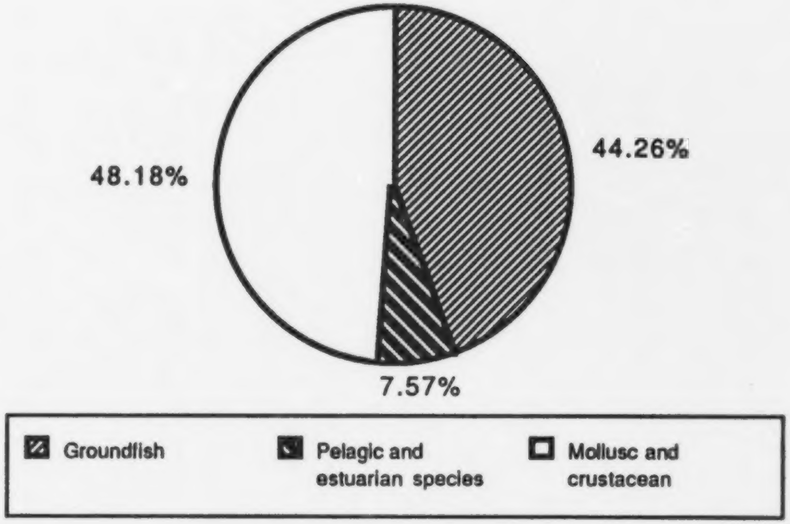


FIGURE 53

1986 Distribution of Landings by Species Group on the Atlantic Coast

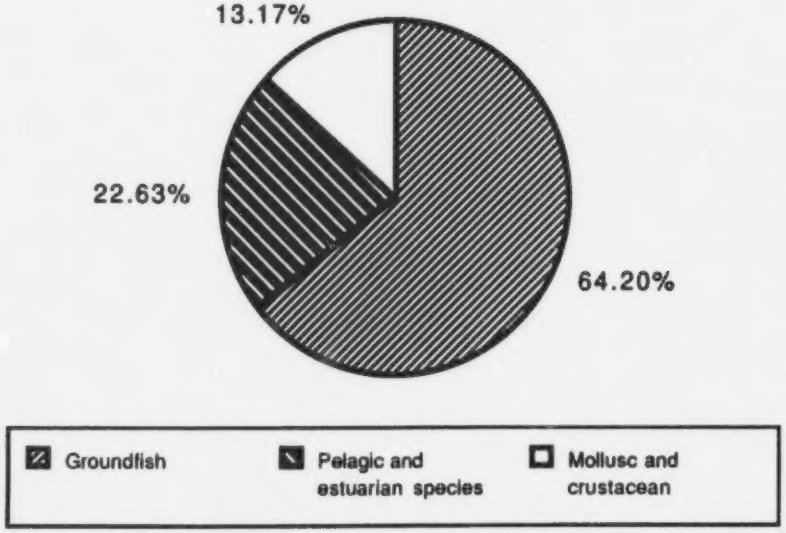
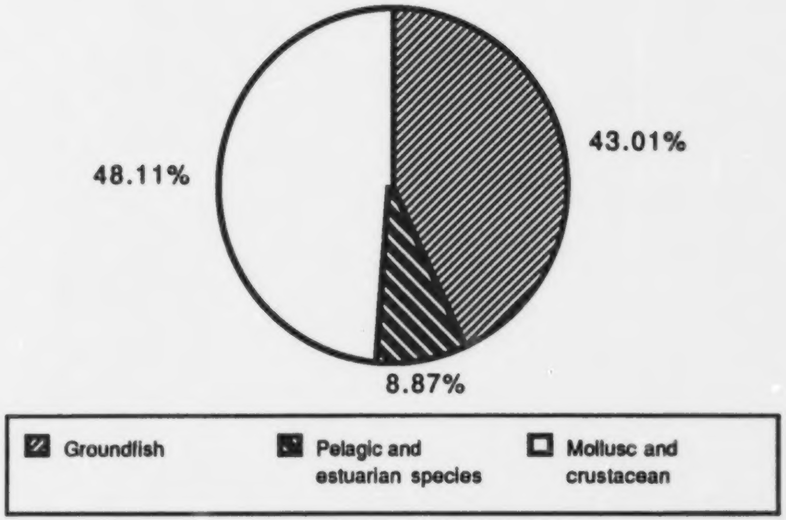


FIGURE 54

1986 Distribution of Landings Value by Species Group on the Atlantic Coast



LANDINGS BY DFO ADMINISTRATIVE REGION

LANDINGS BY DEPARTMENT OF FISHERIES AND OCEANS ADMINISTRATIVE REGION

Table 71 provides information on landings (quantity and value) effected in each of the Atlantic administrative regions of the federal Department of Fisheries and Oceans. Except for data concerning Quebec, all other data covering the Newfoundland, Scotia-Fundy and Gulf regions are preliminary.

According to the table, in 1986, 312 457 m.t. of marine products were landed in the Gulf of St. Lawrence overall, with an associated value of $273.7 million; such landings accounted for 26% of total quantities landed on the Atlantic coast, and for 32% of total value. Landings effected in Quebec accounted for 29% of landings in the Gulf of St. Lawrence and for 7% of total quantities landed on the Atlantic coast; they accounted for 31% of the associated value recorded in the Gulf of St. Lawrence, and 10% of that on the Atlantic coast.

It should be noted that the overall total of landings effected in the Gulf of St. Lawrence was obtained by adding landings recorded in the administrative region of the Gulf, and those recorded in the Quebec region.

TABLE 71

LANDINGS BY ADMINISTRATIVE REGION IN 1986

(Quantity in rounded metric tons, live weight and value in thousands of dollars)

SPECIES	NEW BRUNSWICK		SCOTIA FUNDY		GOLFE		QUEBEC		ATLANTIC COAST	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Cod	222,360	77,099	130,202	77,994	77,421	37,245	34,274	17,169	464,257	209,507
Haddock	4,216	1,412	38,749	34,813	958	605	97	78	44,020	36,908
Redfish	22,154	4,506	34,911	10,847	8,997	2,368	9,917	2,409	75,979	20,130
Atlantic Halibut	772	1,600	2,518	12,322	156	534	206	540	3,652	14,996
American Plaice	-	-	5,199	3,196	5,926	3,631	3,571	2,013	14,696	8,840
Greysole	-	-	3,250	3,116	1,653	1,210	481	445	5,384	4,771
Winter Flounder	-	-	1,064	1,260	3,456	1,553	442	269	4,962	3,082
Unspecified Flounders	62,252	18,532	3,598	4,134	-	-	-	-	65,850	22,666
Greenland Halibut	12,576	5,486	111	72	338	126	6,241	4,994	19,266	10,678
White Hake	1,364	415	10,381	5,060	4,283	1,225	470	96	16,498	6,796
Catfish	1,327	241	1,771	524	376	91	67	15	3,541	871
Other groundfish	6,124	1,092	50,101	20,775	1,109	332	100	52	57,434	22,251
Total groundfish	333,145	110,383	281,855	174,113	104,673	48,920	55,865	28,082	775,538	361,498
Herring	4,343	568	108,166	20,127	60,289	11,306	3,860	1,027	176,658	33,028
Mackerel	11,414	1,437	4,799	1,326	4,371	1,050	3,004	840	23,588	4,653
Tuna, Bluefin	-	-	35	114	4	89	2	6	41	209
Eels	18	50	60	137	167	382	318	1,461	563	2,030
Salmon	1,037	3,953	-	-	157	638	89	587	1,283	5,178
Smelts	20	14	41	57	594	494	53	46	708	611
Capelin	61,160	18,867	-	-	3,739	1,125	227	47	65,126	20,039
Other pelagic and estuarian species	169	205	3,311	8,069	1,928	355	73	209	5,481	8,838
Total pelagic and estuarian species	78,161	25,094	116,412	29,830	71,249	15,439	7,625	4,222	273,447	74,585
Soft Shell Clams	-	-	4,517	5,664	815	1,037	820	615	6,152	7,316
Quahaugs Clams	-	-	-	-	333	379	64	45	397	424
Mussels	23	20	162	50	725	1,346	15	27	925	1,443
Scallops	381	373	51,237	66,588	3,318	4,201	1,171	1,583	56,107	72,745
Winkles	-	-	119	112	-	-	652	196	771	308
Lobsters	1,302	8,082	14,931	127,178	16,148	76,991	2,268	13,569	34,649	225,820
Shrimp	2,677	3,541	2,221	6,001	3,070	4,464	6,689	11,463	14,657	25,469
Snow Crabs	9,042	10,210	120	252	18,859	31,260	14,761	26,057	42,782	67,779
Other mollusc and crustacean	1	-	172	128	2,494	2,930	6	4	2,673	3,061
Total mollusc and crustacean	13,426	22,226	73,479	205,973	45,762	122,608	26,445	53,558	159,112	404,365
Other items	-	-	11,960	1,094	803	820	35	42	12,798	1,956
Total	424,732	157,703	483,706	411,010	222,487	187,787	89,970	85,903	1,220,895	842,403

FISH PROCESSING

PLANT OUTPUT

Methodology

This section is based on information obtained from questionnaires submitted by buyers and producers operating in Quebec. Quantities have been compiled by species and type of product; value has been established according to the value of sales of a product for the month in question. In the absence of monthly sales figures enabling us to estimate the value of output, we have used the average annual price obtained by the producer for the same type of product.

Some data on levels of output were established on the basis of the volume of a producer's purchases. A standardized conversion factor set by COSTACA was used to convert volumes purchased into finished products. This methodology was employed in order to establish the quantity and value of salt and wet cod on the Lower North Shore. When the selling price was not available, we established the value on the basis of regional or provincial markets, or both.

Moreover, because some information was confidential, we had to combine various data to avoid divulging figures which could be linked to a very limited number of producers. Some types of products or species are not specified in the tables but have been included in general groupings.

Fish processing plant output, Quebec, 1986

In 1986, the fish processing sector in Quebec generated 44 470.7 m.t. of goods, with an associated value of $207.3 million.

Groundfish alone (21 059 m.t.) accounted for 47.4% of the total volume, although the associated value of these species ($68.9 million) represented only 33.2% of the Quebec total, because the group includes cod, the species most heavily fished. Cod accounted for 11 873.3 m.t. or 26.7% of overall output in Quebec. However, the associated value of this species was less substantial ($42.1 million) and accounted for only 20.3% of the total.

Among groundfish species, cod was the single most important one: 11 873.2 m.t. of the species were processed, compared with 9 185.8 m.t. of all other groundfish species combined. In terms of associated value, cod ($42.1 million) accounted for 61.1% of the total, largely surpassing the $26.8 million associated value of other species in the group.

Ocean perch ranked second among groundfish species (4 053.0 m.t. processed), accounting for 19.2% of the total for the group; with an associated value of $11.5 million, it represented 16.6% of the total. As was the case with cod, the relative importance of the associated value was not as significant as the volume of fish processed.

Greenland halibut ranked third among groundfish species (2 487.4 m.t.), and accounted for 11.8% of the quantities processed, although the associated value

($9.6 million) accounted for 13.9% of the total.

Pelagic and estuarine species (4 259.7 m.t.) accounted for 9.6% of the Quebec total; the associated value ($6.7 million) represented 3.2% of the total. The leading species in this group was herring (2 107.1 m.t.), which accounted for 49.5% of the total within the group, although the associated value represented only 24% of the total.

Mackerel ranked second among pelagic and estuarine species (1 355 m.t., with an associated value of $1.6 million). Despite a markedly lower volume, the value of mackerel (23.5% of the total) almost equalled that of herring.

In 1986, 11 377.8 m.t. of molluscs and crustaceans were processed, with a value of $97.7 million. While the group ranked second in terms of volume, it ranked first (47.1%) with respect to the overall value of Quebec output.

Snow crab is clearly the leading species in this group, in terms of value ($54.2 million, or 26.1% of value for Quebec as a whole). Within the mollusc and crustacean group, snow crab accounted for 55.5% of the group's value and 62.4% of the quantities processed (7 096.1 m.t.).

Lobster and shrimp ranked second and third, depending on whether value or volume is the criterion. In terms of volume, lobster (2 120.4 m.t.) outflanked shrimp (1 823.3 m.t.); both species accounted for 18.6% and 16%, respectively, of the total. This ranking was reversed with respect to the value of products: shrimp ranked second ($22.5 million, or 23.1% of the total), while lobster ranked third ($17.8 million).

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
COD			
Fresh			
	Dressed	1,321.2	1,343.1
	Fillets	521.1	1,798.2
	Other	64.3	43.8
	Total	1,906.6	3,185.1
Frozen			
	Fillets	4,538.4	19,178.7
	Other	622.2	964.5
	Total	5,160.6	20,143.2
Gaspe cure			
	Hard dried	433.8	2,192.6
	Dried	2,636.8	12,053.4
	Total	3,070.6	14,246.0
Light salted			
	Total	200.4	887.7
Heavy salted			
	Green salted	836.7	1,577.6
	Other	696.8	2,071.6
	Total	1,533.5	3,649.2
Other products			
	Total	1.5	18.6
Total - Cod		11,873.2	42,129.8

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
REDFISH			
Fresh			
	Fillets skin on	75.2	296.5
	Other	117.3	92.7
	Total	192.5	389.2
Frozen			
	Fillets skin on	2,405.5	10,194.5
	Other	124.6	260.1
	Total	2,530.1	10,454.6
Meal			
	Total	969.4	495.2
Oil			
	Total	361.0	113.6
Total - Redfish		4,053.0	11,452.6
ATLANTIC HALIBUT			
Fresh			
	Round	25.9	106.8
	Steak	7.9	41.2
	Other	3.2	12.4
	Total	37.0	160.4
Frozen			
	Steak	45.1	174.5
	Other	15.3	74.1
	Total	60.4	248.6
Total - Atlantic Halibut		97.4	409.0

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
AMERICAN PLAICE			
Fresh			
	Round	1,112.4	1,535.7
	Fillets	173.0	636.8
	Other	15.3	10.0
	Total	1,300.7	2,182.5
Frozen			
	Fillets	353.8	1,797.5
	Fillets in block	78.3	358.8
	Total	432.1	2,156.3
Total - American Plaice		**1,732.8**	**4,338.8**
GREENLAND HALIBUT			
Fresh			
	Fillets	899.9	3,520.2
	Other	191.0	205.9
	Total	1,090.9	3,726.1
Frozen			
	Fillets	1,294.4	5,593.6
	Other	96.0	240.5
	Total	1,390.4	5,834.1
Other products			
	Total	6.1	42.5
Total - Greenland Halibut		**2,487.4**	**9,602.7**

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
WHITE HAKE			
Frozen			
	Fillets	6.4	21.6
	Other	12.4	39.5
	Total	18.8	61.1
Heavy salted			
	Ordinary cure	97.7	236.7
	Total	97.7	236.7
Other products			
	Total	86.5	74.5
Total - White Hake		**203.0**	**372.3**
OTHER GROUNDFISH			
Fresh			
	Total	89.6	174.0
Frozen			
	Total	35.6	145.9
Other products			
	Total	487.0	299.8
Total - Other groundfish		**612.2**	**619.7**
Grand total for all groundfish		**21,059.0**	**68,924.9**

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES		PRODUCT	QUANTITY	VALUE
HERRING				
	Fresh			
		Bait	497.6	177.6
		Other	6.0	26.9
		Total	503.6	204.5
	Frozen			
		Bait	1,274.3	612.9
		Other	110.3	474.3
		Total	1,384.6	1,087.2
	Other products			
		Total	218.9	317.3
Total - Herring			**2,107.1**	**1,609.0**
MACKEREL				
	Fresh			
		Bait	249.0	99.3
		Other	0.3	0.5
		Total	249.3	99.8
	Frozen			
		Bait	394.6	226.5
		Other	200.2	121.2
		Total	594.8	347.7
	Other products			
		Total	510.9	1,130.5
Total - Mackerel			**1,355.0**	**1,578.0**

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES		PRODUCT	QUANTITY	VALUE
SALMON				
	Fresh			
		Dressed	82.2	783.6
		Other	1.2	15.9
		Total	83.4	799.5
	Other products			
		Total	6.8	177.1
Total - Salmon			90.2	976.6
OTHER PELAGIC AND ESTUARIAN SPECIES				
	Fresh			
		Total	207.2	272.8
	Frozen			
		Total	499.8	2,266.4
	Other products			
		Total	0.5	5.0
Total - Other pelagic and estuarian species			707.5	2,544.2
Grand total for all the pelagic and estuarian species			4,259.8	6,707.8
SCALLOPS				
	Fresh			
		Meat	45.8	712.5
		Total	45.8	712.5

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
Frozen			
	Meat	38.0	636.5
	Total	38.0	636.5
Total - Scallops		83.8	1,349.0
LOBSTER			
Fresh			
	Round	1,890.1	14,641.8
	Total	1,890.1	14,641.8
Other products			
	Total	230.3	3,240.7
Total - Lobster		2,120.4	17,882.5
SHRIMP			
Fresh			
	Meat	68.4	796.1
	Other	172.6	787.4
	Total	241.0	1,583.5
Frozen			
	Meat	1,581.7	20,944.6
	Total	1,581.7	20,944.6
Other products			
	Total	0.6	11.9
Total - Shrimp		1,823.3	22,540.0

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
SNOW CRABS			
Fresh			
	Round	2,432.1	4,863.3
	Claws and legs	76.8	538.5
	Other	38.4	248.4
	Total	2,547.3	5,650.2
Frozen			
	Meat	1,643.0	28,311.4
	Claws and legs	2,816.1	18,898.1
	Other	89.7	1,344.3
	Total	4,548.8	48,553.8
Total - Snow Crabs		7,096.1	54,204.0
OTHER MOLLUSC AND CRUSTACEAN			
Fresh			
	Total	136.7	1,033.9
Frozen			
	Total	115.8	672.1
Other products			
	Total	1.7	12.0
Total - Other mollusc and crustacean		254.2	1,718.0
Grand total for all the mollusc and crustacean		11,377.8	97,693.5

TABLE 72

1986 PLANTS' PRODUCTION IN QUEBEC
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
OTHER ITEMS			
	Total	7,774.1	34,014.3
Grand total of all the species for the region of Quebec		44,470.7	207,340.5

FIGURE 55

1986 Quebec Distribution of Production Volume for the Principals Species

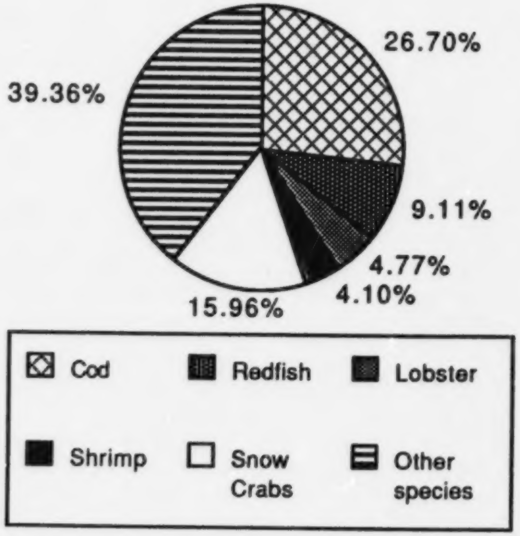


FIGURE 56

1986 Quebec Distribution of Production Value for the Principals Species

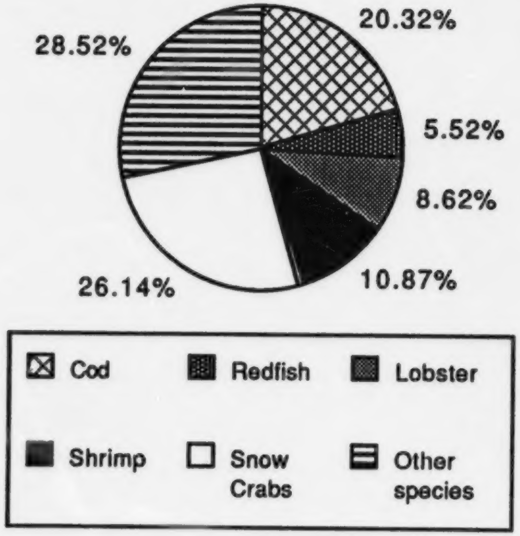


FIGURE 57

1986 Quebec Distribution of Production Volume by Species Group

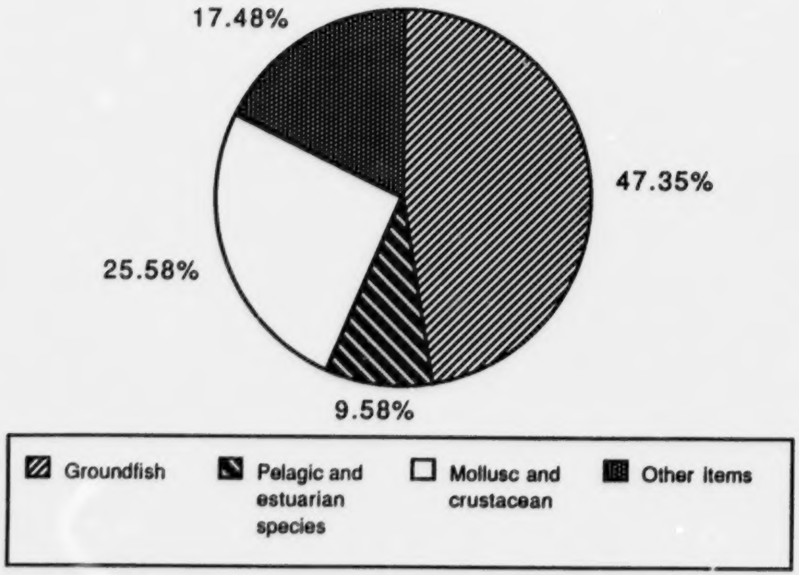


FIGURE 58

1986 Quebec Distribution of Production Value by Species Group

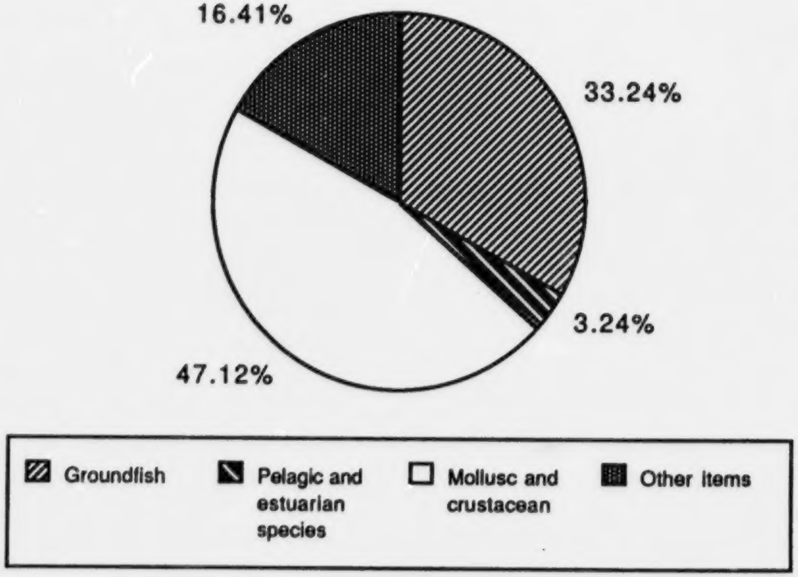


FIGURE 59

Sector-by-Sector Distribution of Production Volume for the Quebec in 1986

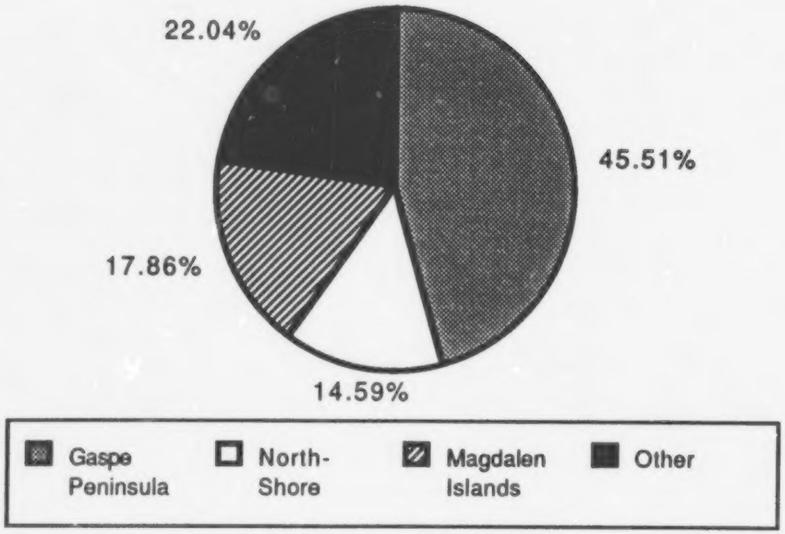
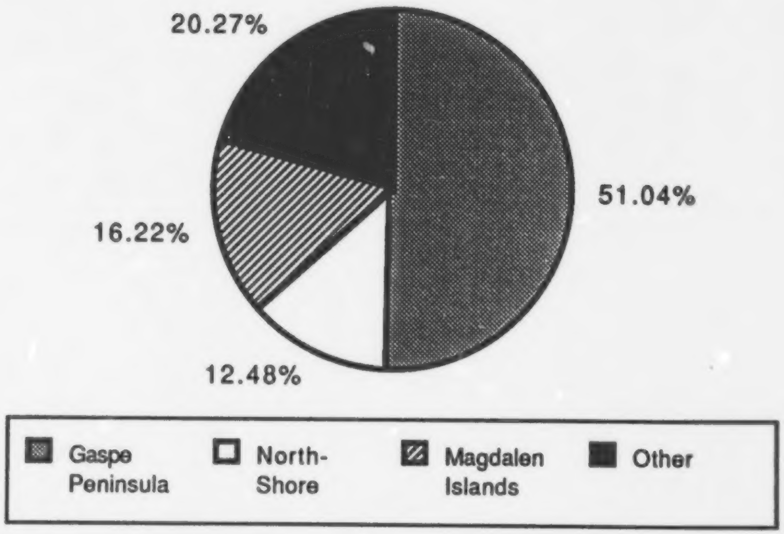


FIGURE 60

Sector-by-Sector Distribution of Production Value for the Quebec in 1986



Plant output, Gaspé Peninsula sector, 1986

In 1986, fish processing plant output in the Gaspé Peninsula totalled 20 240.3 m.t., with an associated value of $105.8 million, thus ranking the region first in the marine product processing industry in Quebec (45.5% of volume and 51% of associated value).

Plants processed 8 851.5 m.t. of cod, or 74.6% of the total in the sector, with an overall value of $34.8 million (82.7% of the total).

Figures for American plaice are similar: Gaspé producers accounted for the largest share of the Quebec market, with 79.8% of volume (1 382.4 m.t.) and 75.8% of value ($3.3 million).

Among other groundfish species, Greenland halibut ranked second in the Gaspé Peninsula (1 618.4 m.t. of products worth $6.3 million, or 65.1% of the volume and 66.1% of the value recorded in Quebec as a whole), and accounted for nearly two thirds of the products processed.

Despite the limited importance of pelagic and estuarine species in terms of the volume of products and their value, the Gaspé Peninsula nonetheless ranked first in this category, largely because of herring. Some 1 641.7 m.t. of the latter species, worth $1.4 million, represented 77.9% of overall volume and 89.6% of total value.

In spite of a more homogeneous distribution among the three maritime sectors than that observed for other species, snow crab is found primarily in the Gaspé Peninsula. The 3 267 m.t. of products in this sector accounted for 46% of the Quebec total; the associated value totalled $33.2 million, or 61.3% of the total.

The Gaspé Peninsula alone processed almost four times more shrimp products than the rest of Quebec: the 1 457.7 m.t. processed, with an associated value of $19.1 million, accounted for 79.9% of volume and 84.8% of value. The sector accounted for the lion's share of shrimp products.

Let us now turn to each of the three major groups in relation to the overall total for the Gaspé Peninsula. In terms of value, molluscs and crustaceans ranked first ($57.1 million, or 53.9% of the total). However, the total volume of these species (5 344.6 m.t.) represented scarcely more than one quarter of the products processed in the Gaspé Peninsula.

In addition to the quantities of lobster, shrimp and crab processed, 12.4 m.t. of scallops, worth $200 000, were also processed, although this species is much less significant.

Groundfish ranked second in terms of value, but first with regard to volume, essentially because of the large quantities of cod processed in the Gaspé Peninsula. Within the groundfish group, cod accounted for 70.2% of volume. Frozen cod fillets alone (3 458 m.t.) accounted for 27.4% of the total volume of groundfish processed in the Gaspé Peninsula.

Moreover, Gaspé cured cod is produced exclusively in the sector; 3 070.5 m.t.

of it (worth $14.2 million) were processed, making it an important marine product.

In the Gaspé Peninsula, pelagic and estuarine species are relatively unimportant compared with the groups mentioned above, especially in terms of value. The 2 281.3 m.t. of these species processed accounted for 11.3% of total volume; their associated ($2.6 million) represented only 2.5% of the total, less than cod, shrimp or crab products.

TABLE 73

1986 PLANTS' PRODUCTION IN GASPÉ PENINSULA BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES		PRODUCT	QUANTITY	VALUE
COD				
	Fresh			
		Dressed	521.3	615.5
		Fillets	380.7	1,271.6
		Other	3.6	13.1
		Total	905.6	1,900.2
	Frozen			
		Fillets	3,458.0	14,787.5
		Other	455.4	776.3
		Total	3,913.4	15,563.8
	Gaspe cure			
		Hard dried	433.7	2,192.6
		Dried	2,636.8	12,053.4
		Total	3,070.5	14,246.0
	Light salted			
		Total	193.2	874.5
	Heavy salted			
		Total	767.2	2,236.7
	Other products			
		Total	1.6	18.6
Total - Cod			8,851.5	34,839.8

TABLE 73

1986 PLANTS' PRODUCTION IN GASPÉ PENINSULA
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
REDFISH			
Fresh			
	Total	91.4	136.1
Frozen			
	Fillets	119.8	452.7
	Other	10.4	4.1
	Total	130.2	456.8
Total - Redfish		**221.6**	**592.9**
ATLANTIC HALIBUT			
Fresh			
	Total	22.5	91.1
Frozen			
	Steak	45.1	174.5
	Other	12.8	61.1
	Total	57.9	235.6
Total - Atlantic Halibut		**80.4**	**326.7**
AMERICAN PLAICE			
Fresh			
	Round	934.5	1,320.6
	Fillets	163.4	589.5
	Total	1,097.9	1,910.1

TABLE 73

1986 PLANTS' PRODUCTION IN GASPÉ PENINSULA BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
Frozen			
	Fillets	284.5	1,379.0
	Total	284.5	1,379.0
Total - American Plaice		**1,382.4**	**3,289.1**
GREENLAND HALIBUT			
Fresh			
	Fillets	819.5	3,196.5
	Other	67.6	70.1
	Total	887.1	3,266.6
Frozen			
	Fillets	707.6	2,994.1
	Other	17.6	45.9
	Total	725.2	3,040.0
Other products			
	Total	6.1	42.5
Total - Greenland Halibut		**1,618.4**	**6,349.1**
WHITE HAKE			
Frozen			
	Total	2.8	12.0
Heavy salted			
	Ordinary cure	97.7	236.7
	Total	97.7	236.7

TABLE 73

1986 PLANTS' PRODUCTION IN GASPÉ PENINSULA
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
Other products			
	Total	30.6	39.7
Total - White Hake		**131.1**	**288.4**
OTHER GROUNDFISH			
Fresh			
	Total	87.3	171.5
Frozen			
	Total	19.1	82.1
Other products			
	Total	222.5	188.3
Total - Other groundfish		**328.9**	**441.9**
Grand total for all groundfish		**12,614.3**	**46,127.9**
HERRING			
Fresh			
	Bait	219.1	93.2
	Other	3.6	23.8
	Total	222.7	117.0
Frozen			
	Bait	1,091.4	544.5
	Other	110.3	474.2
	Total	1,201.7	1,018.7

TABLE 73

1986 PLANTS' PRODUCTION IN GASPÉ PENINSULA
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
Other products			
	Total	217.3	306.7
Total - Herring		1,641.7	1,442.4
MACKEREL			
Fresh			
	Bait	149.6	71.6
	Total	149.6	71.6
Frozen			
	Bait	252.4	132.9
	Total	252.4	132.9
Other products			
	Total	3.6	4.8
Total - Mackerel		405.6	209.3
OTHER PELAGIC AND ESTUARIAN SPECIES			
Fresh			
	Total	212.9	785.8
Frozen			
	Total	15.0	30.4

TABLE 73

1986 PLANTS' PRODUCTION IN GASPÉ PENINSULA BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
Other products			
	Total	6.1	168.4
Total - Other pelagic and estuarian species		234.0	984.6
Grand total for all the pelagic and estuarian species		2,281.3	2,636.3
SCALLOPS			
Fresh			
	Meat	2.2	38.7
	Total	2.2	38.7
Frozen			
	Meat	10.2	163.0
	Total	10.2	163.0
Total - Scallops		12.4	201.7
LOBSTER			
Fresh			
	Round	561.5	4,189.8
	Total	561.5	4,189.8
Other products			
	Total	46.0	346.3
Total - Lobster		607.5	4,536.1

TABLE 73

1986 PLANTS' PRODUCTION IN GASPÉ PENINSULA
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES		PRODUCT	QUANTITY	VALUE
SHRIMP				
	Fresh			
		Meat	64.4	747.0
		Other	4.8	16.4
		Total	69.2	763.4
	Frozen			
		Meat	1,387.9	18,337.0
		Total	1,387.9	18,337.0
	Other products			
		Total	0.6	11.9
Total - Shrimp			**1,457.7**	**19,112.3**
SNOW CRABS				
	Frozen			
		Meat	1,135.5	19,490.1
		Claws and legs	1,646.2	11,496.5
		Other products	26.3	119.8
		Total	2,808.0	31,106.4
	Other products			
		Total	459.0	2,102.9
Total - Snow Crabs			**3,267.0**	**33,209.3**

TABLE 73

1986 PLANTS' PRODUCTION IN GASPÉ PENINSULA
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
OTHER MOLLUSC AND CRUSTACEAN			
	Total	0.1	0.9
Total - Other mollusc and crustacean		0.1	0.9
Grand total for all the mollusc and crustacean		5,344.7	57,060.3
Grand total of all the species for the Gaspe Peninsula		20,240.3	105,824.5

FIGURE 61

1986 Gaspe Peninsula Distribution of Production Volume for the Principals Species

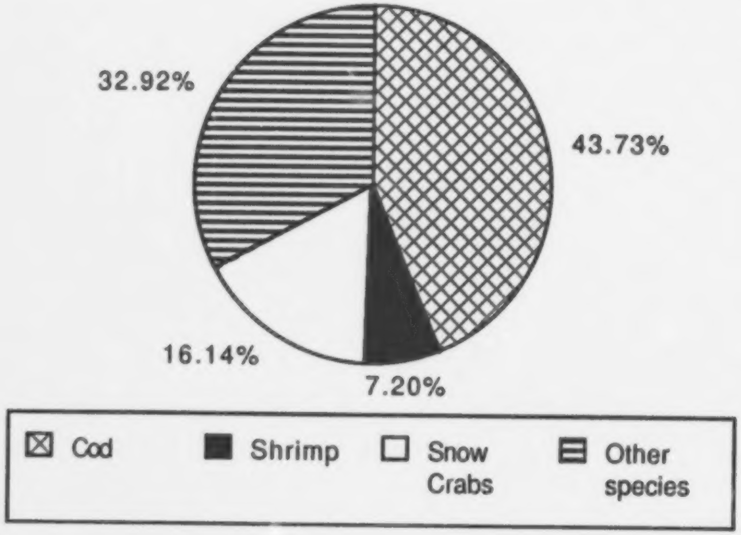


FIGURE 62

1986 Gaspe Peninsula Distribution of Production Value for the Principals Species

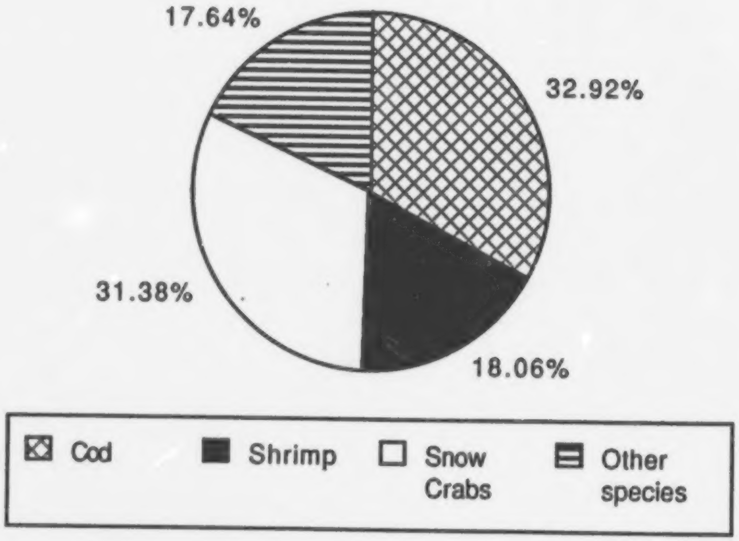


FIGURE 63

1986 Gaspe Peninsula Distribution of Production Volume by Species Group

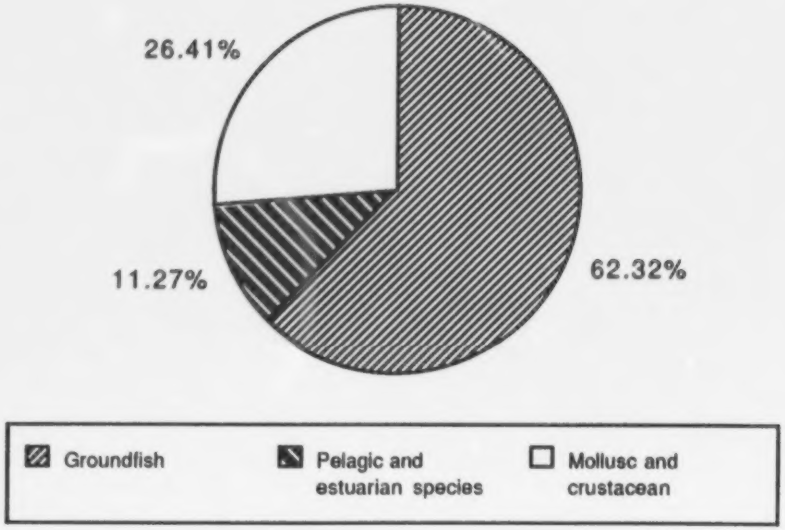
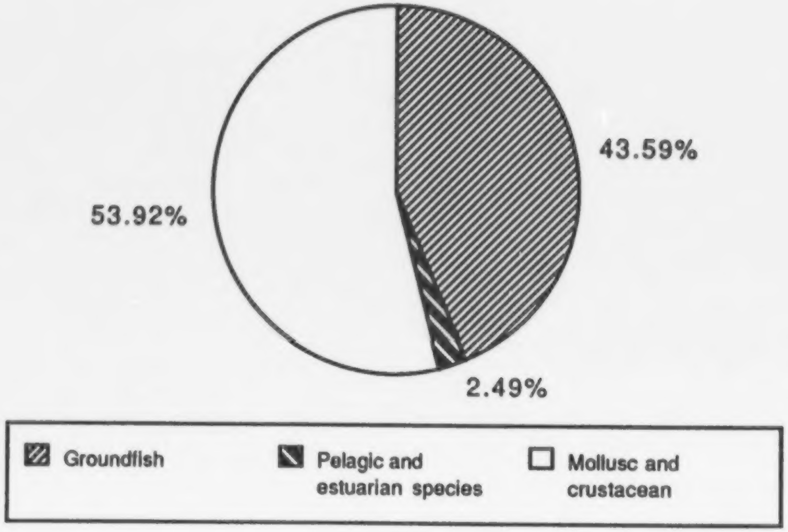


FIGURE 64

1986 Gaspe Peninsula Distribution of Production Value by Species Group



Plant output, North Shore sector, 1986

In 1986, overall output on the North Shore totalled 6 486.7 m.t., worth $25.9 million, thus ranking the North Shore third among maritime sectors in terms of output (14.6% of total Quebec volume and 12.5% of total value).

However, figures for several species were significant. The largest quantity of scallops was processed in this sector, i.e. 47.1 m.t., worth $745 500, or 56.2% of total Quebec volume and 55.3% of total value for this species.

Snow crab is of the utmost importance to the North Shore: 2 133.9 m.t. of the species, worth $12.9 million were processed in 1986. The species ranked first and accounted for half the total value in this sector, despite a markedly less significant share of volume. In Quebec as a whole, the North Shore accounted for 30.1% of the total in terms of volume, and 23.9% with regard to value.

In a different perspective, cod, shrimp and crab products combined totalled 4 955.5 m.t., worth $21.4 million, and accounted for 82.7% of the total value of plant output on the North Shore, and 76.4% of volume.

The rank of the major categories on the North Shore was similar to the rank observed for Quebec as a whole.

Molluscs and crustaceans headed the list in terms of value ($19 million, or 73.4% of the total), although only 2 804.2 m.t. of these species were processed (43.2% of the total).

The situation is the opposite with respect to groundfish. While such species ranked first in terms of volume (3 020.2 m.t. or 46.6% of the total), they ranked second in terms of value ($6.5 million, or 25.2% of the total).

In relation to overall output on the North Shore, pelagic and estuarine species were relatively unimportant. The volume processed (637.1 m.t.) accounted for 9.8% of the total; the value of such products totalled $329 900 or only 1.3% of the total.

TABLE 74

1986 PLANTS' PRODUCTION ON NORTH-SHORE BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
COD			
Fresh			
	Dressed	785.4	712.0
	Fillets	91.2	327.0
	Other	60.7	30.6
	Total	937.3	1,069.6
Frozen			
	Fillets	581.5	2,349.9
	Other	163.6	184.3
	Total	745.1	2,534.2
Heavy salted			
	Green salted	754.4	1,386.1
	Other	11.9	26.5
	Total	766.3	1,412.6
Other products			
	Total	7.2	13.2
Total - Cod		**2,455.9**	**5,029.6**
REDFISH			
Fresh			
	Total	51.8	45.5
Frozen			
	Total	15.7	58.4
Total - Redfish		**67.5**	**103.9**

TABLE 74

1986 PLANTS' PRODUCTION ON NORTH-SHORE
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
AMERICAN PLAICE			
Fresh			
	Total	95.6	147.4
Frozen			
	Total	17.8	99.0
Total - American Plaice		113.4	246.4
GREENLAND HALIBUT			
Fresh			
	Total	203.8	459.4
Frozen			
	Total	153.5	583.5
Total - Greenland Halibut		357.3	1,042.9
OTHER GROUNDFISH			
Fresh			
	Total	15.5	65.9
Frozen			
	Total	10.6	38.2
Total - Other groundfish		26.1	104.1
Grand total for all groundfish		3,020.2	6,526.9

TABLE 74

1986 PLANTS' PRODUCTION ON NORTH-SHORE BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES		PRODUCT	QUANTITY	VALUE
HERRING				
	Fresh			
		Bait	277.6	83.9
		Other	2.4	3.1
		Total	280.0	87.0
	Frozen			
		Bait	162.3	59.4
		Total	162.3	59.4
Total - Herring			**442.3**	**146.4**
MACKEREL				
	Fresh			
		Bait	47.2	8.3
		Other	0.1	0.1
		Total	47.3	8.4
Total - Mackerel			**47.3**	**8.4**
SALMON				
	Fresh			
		Dressed	15.0	121.5
		Other	0.3	3.0
		Total	15.3	124.5
	Frozen			
		Total	0.9	11.8
Total - Salmon			**16.2**	**136.3**

TABLE 74

1986 PLANTS' PRODUCTION ON NORTH-SHORE
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
OTHER PELAGIC AND ESTUARIAN SPECIES			
	Total	131.3	38.8
Total - Other pelagic and estuarian species		131.3	38.8
Grand total for all the pelagic and esturian species		637.1	329.9
SCALLOPS			
Fresh			
	Meat	32.8	502.5
	Total	32.8	502.5
Frozen			
	Meat	14.3	243.0
	Total	14.3	243.0
Total - Scallops		47.1	745.5
SHRIMP			
Fresh			
	Total	171.9	820.1
Frozen			
	Meat	193.8	2,607.6
	Total	193.8	2,607.6
Total - Shrimp		365.7	3,427.7

TABLE 74

1986 PLANTS' PRODUCTION ON NORTH-SHORE
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
SNOW CRABS			
Fresh			
	Round	1,165.3	2,029.3
	Other	57.6	401.3
	Total	1,222.9	2,430.6
Frozen			
	Meat	373.1	6,569.0
	Claws and legs	537.9	3,936.6
	Total	911.0	10,505.6
Total - Snow Crabs		**2,133.9**	**12,936.2**
OTHER MOLLUSC AND CRUSTACEAN			
Fresh			
	Total	143.0	1,198.8
Frozen			
	Total	112.8	660.2
Other products			
	Total	1.7	12.0
Total - Other mollusc and crustacean		**257.5**	**1,871.0**
Grand total for all the mollusc and crustacean		**2,804.2**	**18,980.4**

TABLE 74

1986 PLANTS' PRODUCTION ON NORTH-SHORE BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)

(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
OTHER ITEMS			
Total		25.2	33.3
Grand total of all the species of the North-Shore		6,486.7	25,870.5

FIGURE 65

1986 North-Shore Distribution of Production Volume for Principals Species

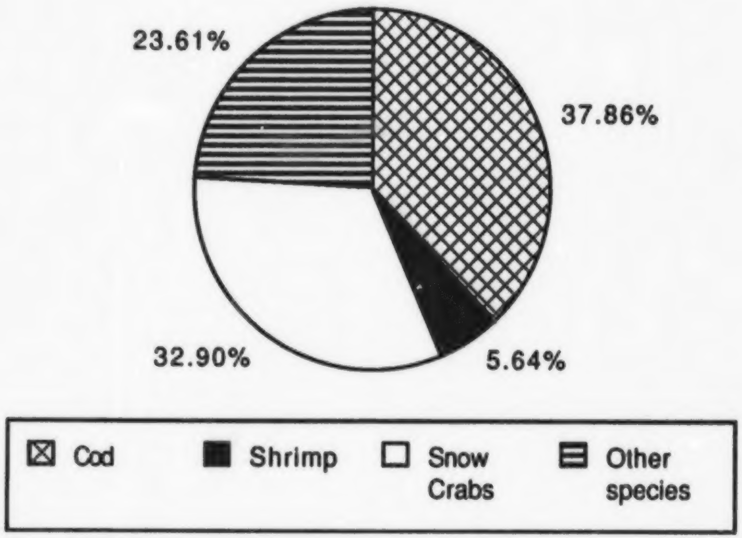


FIGURE 66

1986 North-Shore Distribution of Production Value for Principals Species

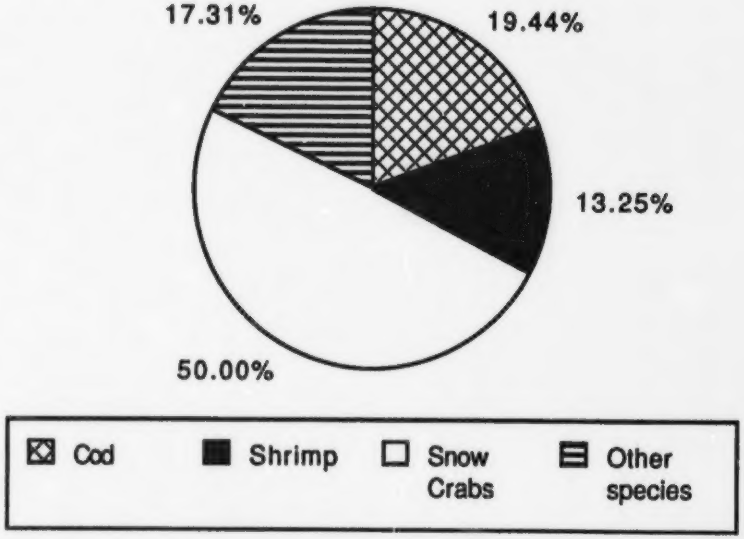


FIGURE 67

1986 North-Shore Distribution of Production Volume by Species Group

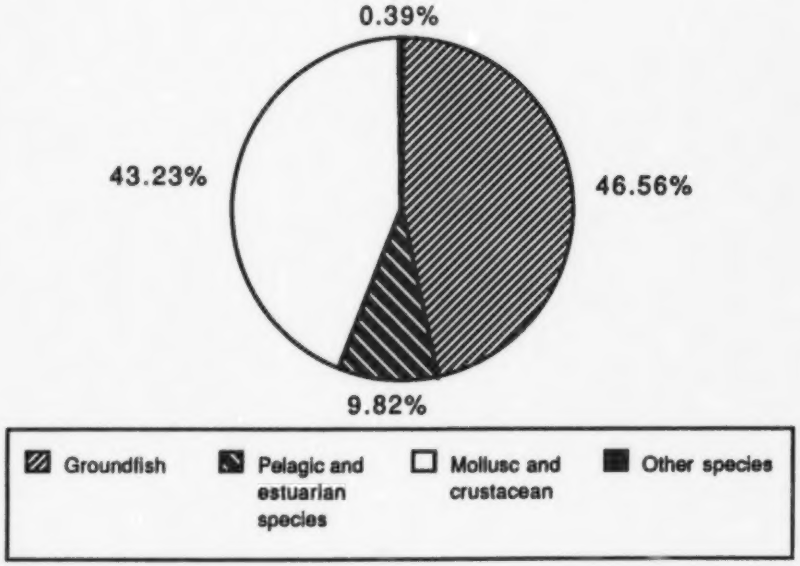
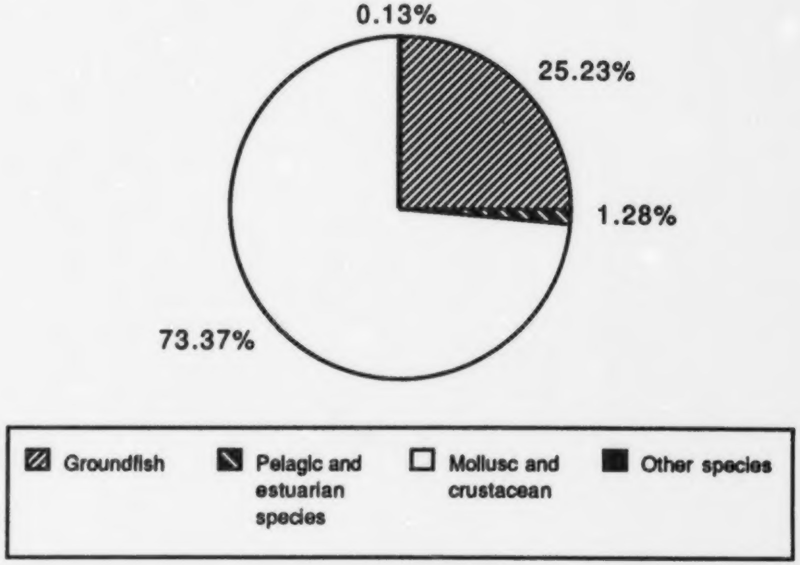


FIGURE 68

1986 North-Shore Distribution of Production Value by Species Group



Plant output, Magdalen Islands sector, 1986

In 1986, plants in the Magdalen Islands processed 7 940.7 m.t. of marine products, worth $33.6 million, or 17.9% of the Quebec total in terms of volume, and 16.2% in terms of value.

However, a number of species stood out from the others. For example, 3 748.9 m.t. of ocean perch were processed in the Magdalen Islands, accounting for 92.5% of Quebec output overall.

Mackerel was somewhat less important (901.9 m.t. or 66.6% of total Quebec volume). However, in terms of value, mackerel processing in the Magdalen Islands accounted for 86.2% of the total.

Lobster processing (1 452.2 m.t. or 68.5% of the total) by far exceeded output in the Gaspé Peninsula; in terms of associated value, the Magdalen Islands accounted for 71.7% of the total, which slightly enhanced its position in the province overall with respect to this species.

If we compare output data concerning each of the species in the Magdalen Islands to the general total in the same sector, ocean perch, mackerel and lobster accounted for nearly three quarters of economic activity, i.e. 76.9% of volume and 74% of value.

However, the importance of snow crab in the Magdalen Islands should be stressed. Some 709.6 m.t. of this species were processed, worth $5.4 million; snow crab thus ranked third in this field.

When species are grouped into major categories, it is to be noted that molluscs and crustaceans, while they accounted for only 27.7% of total volume (2 196.2 m.t.), represented 54.9% of total value, obviously because lobster and crab rank first and third in the Magdalen Islands in these fields.

Groundfish accounted for 61% of total volume (4 841.7 m.t.) but only 41% ($13.8 million) of total value. Ocean perch, which ranked first, was followed by cod (523.9 m.t., with a value of $2.1 million). This species plays only a secondary role in the Magdalen Island, accounting for 6.3% of total value; in Quebec as a whole, it accounted for 20.3% of overall output.

Data on the volume and value of pelagic and estuarine species are similar to those respecting mackerel; few if any other species were processed and then, only in negligible quantities.

TABLE 75

1986 PLANTS' PRODUCTION IN MAGDALEN ISLANDS BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
COD			
Fresh			
	Total	62.4	210.6
Frozen			
	Fillets	458.3	1,896.5
	Other	3.2	3.9
	Total	461.5	1,900.4
Total - Cod		**523.9**	**2,111.0**
REDFISH			
Fresh			
	Fillets skin on	49.4	207.6
	Total	49.4	207.6
Frozen			
	Dressed	109.2	238.8
	Fillets skin on	2,259.9	9,642.4
	Total	2,369.1	9,881.2
Meal			
	Total	969.4	495.2
Oil			
	Total	361.0	113.6
Total - Redfish		**3,748.9**	**10,697.6**

TABLE 75

1986 PLANTS' PRODUCTION IN MAGDALEN ISLANDS
BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
AMERICAN PLAICE			
Fresh			
	Total	107.0	124.2
Frozen			
	Fillets	125.3	645.7
	Total	125.3	645.7
Total - American Plaice		**232.3**	**769.9**
WHITE HAKE			
Fresh			
	Total	50.2	27.7
Frozen			
	Total	10.4	36.4
Total - White Hake		**60.6**	**64.1**
OTHER GROUNDFISH			
	Total	276.0	159.4
Total - Other groundfish		**276.0**	**159.4**
Grand total for all the groundfish		**4,841.7**	**13,802.0**

TABLE 75

1986 PLANTS' PRODUCTION IN MAGDALEN ISLANDS BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
MACKEREL			
	Frozen		
	Total	342.4	214.8
	Other products		
	Total	559.5	1,145.1
Total - Mackerel		**901.9**	**1,359.9**
OTHER PELAGIC AND ESTUARIAN SPECIES			
	Total	0.9	0.5
Total - Other pelagic and estuarian species		**0.9**	**0.5**
Grand total for all the pelagic and estuarian species		**902.8**	**1,360.4**
SCALLOPS			
	Total	14.4	244.9
Total - Scallops		**14.4**	**244.9**
LOBSTER			
	Fresh		
	Round	1,268.0	9,933.9
	Total	1,268.0	9,933.9

TABLE 75

1986 PLANTS' PRODUCTION IN MAGDALEN ISLANDS BY SPECIES AND TYPES OF PRODUCTS

(Quantity in rounded metric tons, live weight)
(Value in thousands of dollars)

SPECIES	PRODUCT	QUANTITY	VALUE
Other products			
	Total	184.2	2,894.4
Total - Lobster		**1,452.2**	**12,828.3**
SNOW CRABS			
	Total	709.6	5,370.9
Total - Snow Crabs		**709.6**	**5,370.9**
OTHER MOLLUSC AND CRUSTACEAN			
	Total	20.0	21.0
Total - Other mollusc and crustacean		**20.0**	**21.0**
Grand total for all the mollusc and crustacean		**2,196.2**	**18,465.1**
Grand total of all the species for the Magdalen Islands		**7,940.7**	**33,627.5**

FIGURE 69

1986 Magdalen Islands Distribution of Producton Volume for Principals Species

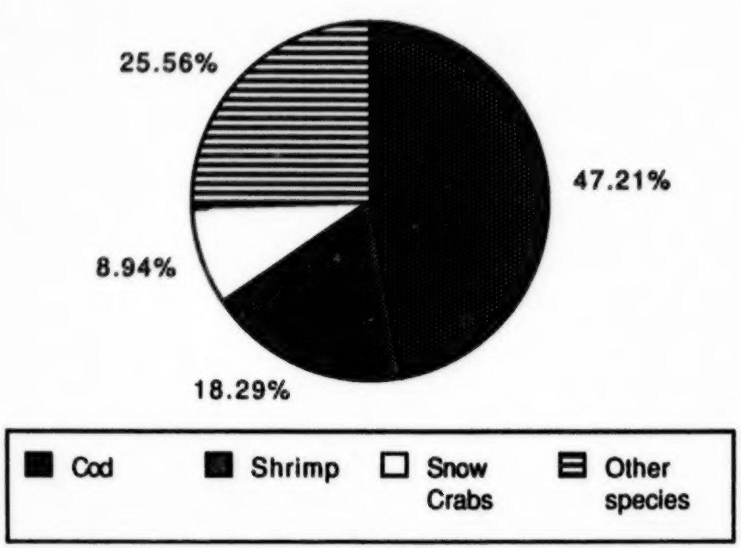


FIGURE 70

1986 Magdalen Islands Distribution of Production Value for Principals Species

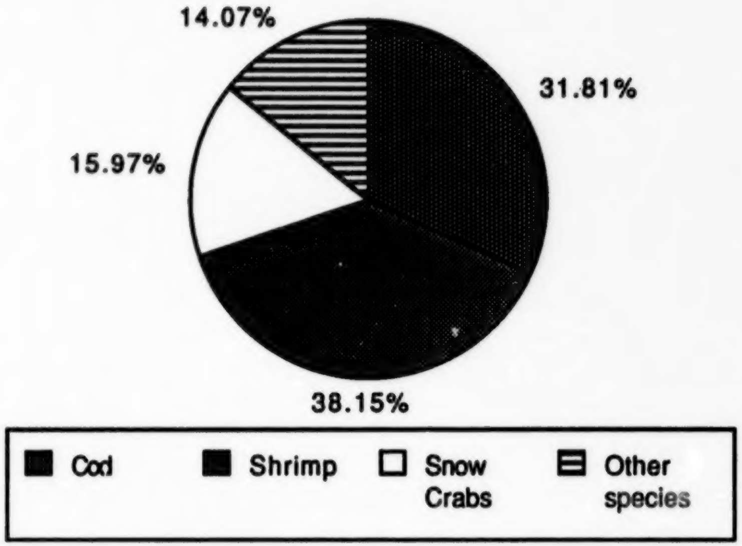


FIGURE 71

1986 Magdalen Islands Distribution
of Production Volume
by Species Group

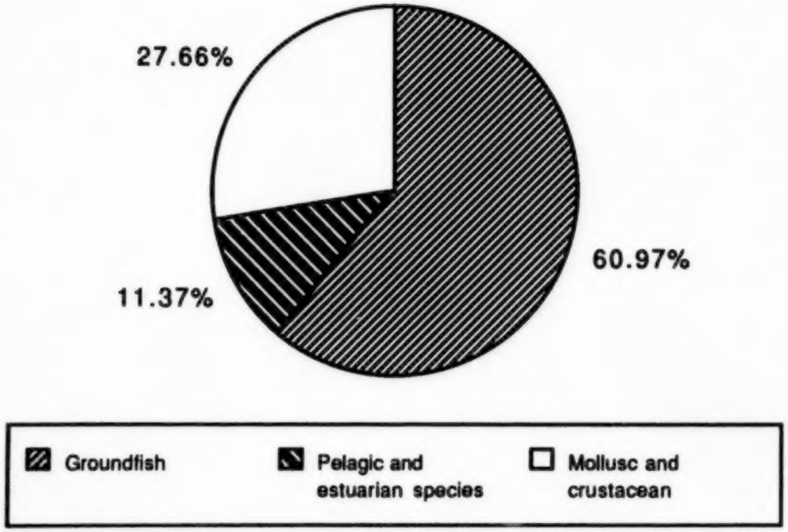
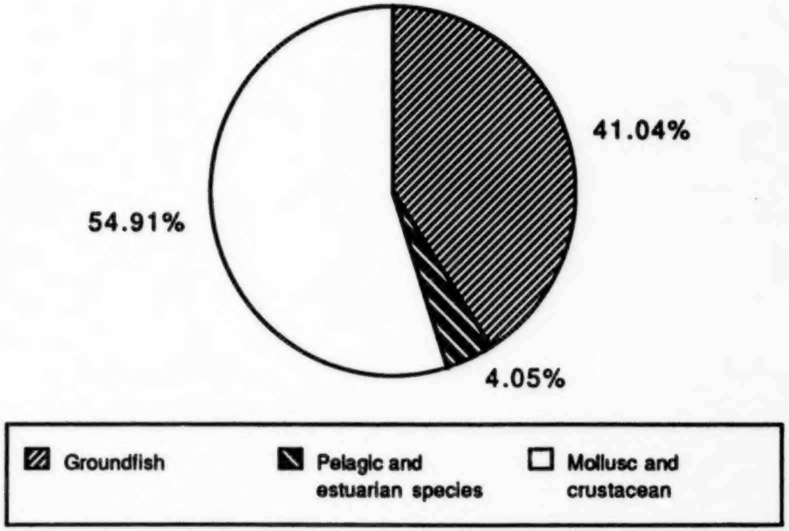


FIGURE 72

1986 Magdalen Islands Distribution
of Production Value
by Species Group



APPENDICES

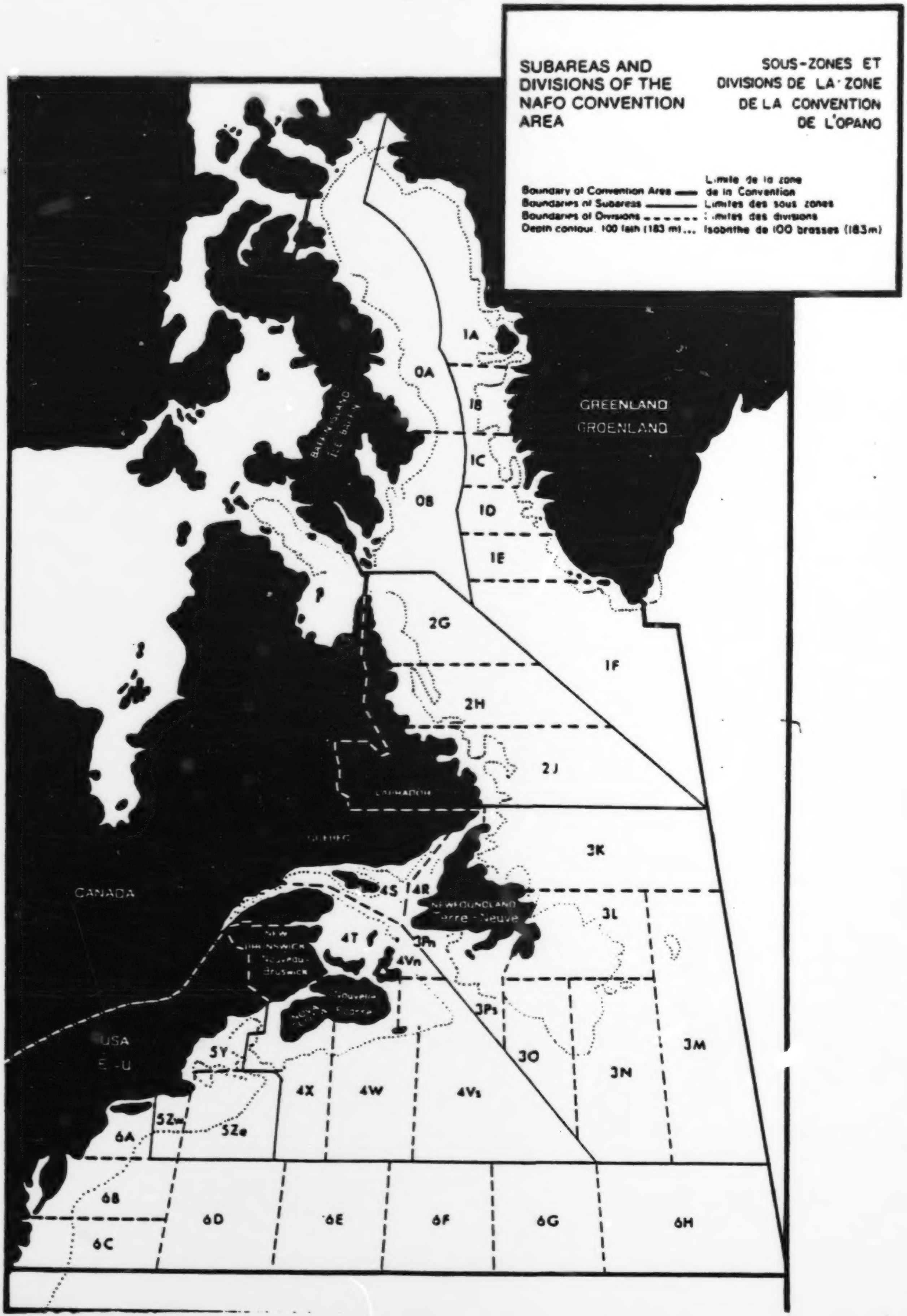
APPENDIX 1

Limits of marine statistics reporting districts, Quebec

District	Geographic point	Landing point
1	Anse-à-Gilles to Pointe-Rouge	Anse-à-Gilles to Saint-Roch-des-Aulnaies
2	Pointe-Rouge to Notre-Dame-du-Portage	Sainte-Anne-de-la-Pocatière to Saint-André
3	Notre-Dame-du-Portage to Cap-à-l'Orignal	Notre-Dame-du-Portage to Cap-à-l'Orignal
4	Sainte-Flavier to the eastern boundary of Matane county	Sainte-Flavie to Petits Méchins
5	Cap-Chat to Duchesnay	Fonderie to Ruisseau Castor
6	Duchesnay to Saint-Hélier	Ruisseau-à-Rebours to Anse-à-Thibault
7	Saint-Hélier to Petite-Rivière-au-Renard	Ruisseau-à-l'Ail to Petit Cap
8	Petite-Rivière-au-Renard to Cap-des-Rosiers	Petite-Rivière-au-Renard to Cap-des-Rosiers
9	Cap-Gaspé to Pointe-Saint-Pierre	Cap-Gaspé to Pointe-Navarre
10	Pointe-Saint-Pierre to Brèche-à-Manon	Malbay to Weygand
11	Brèche-à-Manon to Pointe-Maquereau	Brèche-à-Manon to Newport
12	Pointe-Maquereau to New Carlisle	Pointe-Maquereau to Cullens Brooks
13	New Carlisle to the Grande-Cascapédia River	New Carlisle to Saint-Siméon ouest
14	Grande-Cascapédia River to Pointe-Miguasha	Maria to Pointe-Bourg
15	Pointe-Miguasha to Rivière Restigouche	Miguasha to Matapédia
16	Cap-Tourmente to the Saguenay River	Petite-Rivière-Saint-François to Cap-Brûlé
17	Saguenay River to Bersimis	Tadoussac to Anse-à-Bouleau
18	Bersimis to the Sainte-Marguerite River	Bersimis to Îles-de-May
19	Sainte-Marguerite River to Rivère-Pigou	Sept-Îles to Maliotenam
20	Rivière-Pigou to Havre-Saint-Pierre	Rivière-aux-Graines to Rivière-Pigou
21	Havre-Saint-Pierre to Rivière-Kégaska	Havre-Saint-Pierre to Pointe-Parent
22	Rivière-Kégaska to Baie-des-Moutons	Rivière-Kégaska to Chevery
23	Baie-des-Moutons to Bonne-Espérance	Baie-des-Moutons to Rivière-Saint-Paul
24	Bonne-Espérance to Blanc-Sablon	Bonne-Espérance to Îles-Demoiselles
25	Anticosti Island	Anticosti
26	Magdalen Islands, Northern Division	Havre-aux-Maisons to Lapointe
27	Île-du-Havre-Aubert to Île-d'Entrée	Havre-Aubert to Île-d'Entrée
28	Île-de-Cap-aux-Meules	Cap-aux-Meules to Cap-Vert

N.B.: The geographic points that mark the limits of the reporting districts are here associated with the corresponding landing points. There are thus two types of limits for each district.

APPENDIX 2


SUBAREAS AND DIVISIONS OF THE NAFO CONVENTION AREA
SOUS-ZONES ET DIVISIONS DE LA ZONE DE LA CONVENTION DE L'OPANO
Boundary of Convention Area — Limite de la zone de la Convention
Boundaries of Subareas — Limites des sous zones
Boundaries of Divisions - - - - Limites des divisions
Depth contour 100 fath (183 m) ... Isobathe de 100 brasses (183m)
GREENLAND
GROENLAND
BAFFIN ISLAND
ÎLE BAFFIN
LABRADOR
QUEBEC
CANADA
NEWFOUNDLAND
Terre-Neuve
NEW BRUNSWICK
Nouveau-Brunswick
NOVA SCOTIA
Nouvelle-Écosse
USA
É.-U.
0A
0B
1A
1B
1C
1D
1E
1F
2G
2H
2J
3K
3L
3M
3N
3O
3Pn
3Ps
4R
4S
4T
4Vn
4Vs
4W
4X
5Y
5Zw
5Ze
6A
6B
6C
6D
6E
6F
6G
6H

BIBLIOGRAPHY

Bureau de la Statistique du Québec (BSQ), Statistiques mensuelles des débarquements et de la mise en marché du poisson (monthly fish landing and marketing statistics), Direction des statistiques des entreprises, Ministère des Finances.

Co-ordinating Committee on Statistics for the Atlantic Coast (COSTACA), Document No. 1 of COSTACA standards, Glossary and definitions, catches and fishing activities, issue of permits and monitoring of Canadian quotas, Communications, Department of Fisheries and Oceans, Ottawa.

Co-ordinating Committee on Statistics for the Atlantic Coast (COSTACA), Document No. 2 of COSTACA standards, Standard conversion factors, all species, Communications, Department of Fisheries and Oceans, Ottawa.

Co-ordinating Committee on Statistics for the Atlantic Coast (COSTACA), Integrated Information and Statistics System on Atlantic Coast Fisheries, Communications, Department of Fisheries and Oceans, Ottawa.

Department of Fisheries and Oceans, Weekly report on Atlantic quotas, Operational Services Branch, Scotia-Fundy Region, Halifax.

Department of Fisheries and Oceans, Regular statistics system reports, Statistics Division, Quebec Directorate.